

# FINAL REPORT ON FIRST PLL ´S

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CE1662\_CEUP2030\_D.T1.2.2 - Final Report  
on First PLLs for all PPs

Version 1.2  
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**Document Control**

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## 1. About this document

### 1.1. Necessary prior information

In order to fully understand this document, including the references made and abbreviations used, it is recommended to read the following documents in advance:

- **D.T1.2.1** - A guidance document for A.T1.2 on the development and implementation of Policy Learning Labs for CAMI 4.0

This document is a **deliverable within the first thematic work package** of CEUP 2030 (WPT1): “*ENABLE! CEUP 2030 partnership for an efficient & effective use of knowledge resources*”. The objective of WPT1 is to empower people to work in the environment of new technologies & pool a critical mass of trained stakeholders involved in policy making.

### 1.2. Project Overview

CEUP 2030 aims to generate stable innovation networks which foster better understanding on Central Europe Advanced Manufacturing and Industry **4.0** (“**CAMI4.0**”) topics, to generate improved knowledge resource exchange on these technologies leading to an upgraded framework for policy-making and implementation.

For this reason, 10 different PPLs (Policy learning Labs) were held (one by each PP)- as result 10 PLLabs with at least 10 regional/national stakeholders/PP involved have been held. This PPL were related to the topics Basics on B&R Data/Sensors, robotic/automation, new materials, AI; enlarge defined CEUP 2030.

Basics are described in the Deliverable D.T1.2.1 - A guidance document for A.T1.2 on the development and implementation of Policy Learning Labs for CAMI 4.0

PLLs in a short overview:

- The PLL are a **two-part training program for policy-makers**. Their **goal** is to enhance the capacities (skills, knowledge, capabilities...) of CAMI4.0 stakeholders and to enable adequate mind-sets for improving innovation and mutual learning within CEUP 2030. Participating stakeholders should get acquainted with new technologies and their applications in order to have a better context for future decisions.
- **Complex technologies are explained** in a practicable, understandable and time-optimised way during the PLL
- **The PLL are established** to train and empower people to work on policies & strategies for CAMI4.0 technologies (mutual Triple-Helix Learning)

### 1.3. First round of PLLs

The first round of PLL establishes the connection of policy makers and stakeholders of CEUP 2030. Trust levels are low and there is little knowledge of the project among them. Therefore, the goal of the first round of PLL is to build trust and knowledge. Stakeholders should also get acquainted with a common nomenclature, feedback the workshop structure and recommend other stakeholders to be involved in the regional Trend and Innovation Networks (TINs). Furthermore, technology use cases should provide interesting, understandable insight on the potential of CAMI 4.0 technologies for the



region of the PPthe appropriate selection, adaption and fine-tuning of proven tools, instruments and methodologies, aka “Harvesting” - during A.T1.1

Overview of PPLs held:

No, Name of PP	Date and Place of the PPL	CEUP 2030's Participants
PP1_KTP	Data: 16.09.2020r.Miejsce: Krakowski Park Technologiczny ul. Podole 60, 30-394 Kraków, Parter, Sala Enterprise	14
PP2_PRO	19.11.2020, online meeting	19
PP3_PIA	Workshop zum Thema “Artificial Intelligence” (AI) 22. September 2020, 10:00-15:30, online via Go To Meeting	15
PP4_IWU	First round of PLL, Chemnitz, 07 October 2020, online meeting	10
PP5_KIT	CEUP 2030 Policy Learning lab 1, 17.09.2020, Online	16
PP6_AFIL	1st Round of PLL, 6th July 2020, Webinar (due to COVID restriction)	43
PP7_SIIT	1st Round of PLL, August 2020, Webinar	13
PP8_PTP	Datum sestanka: 07.08.2020 Lokacija sestanka: Prostor Bistra hiša, Martjanci 36, 9221 Martjanci	5
PP9_PBN	First round of PLL, 9th July 2020	12
PP10_HAMAG	I.Policy Learning Lab u sklopu projekta, „Central Europe Upstreaming for Policy Excellence in Advanced Manufacturing & Industry 4.0 towards 2030“ CEUP 2030, Zagreb, Hrvatska, 29.10.2020. <a href="https://global.gotomeeting.com/join/268214237">https://global.gotomeeting.com/join/268214237</a>	18
<b>Total Number of Participants</b>		<b>165</b>

**Figure 1: Overview of PPLs held**

## 2. PPLs held by the PPs



**2.1. PLL PP1 KPT:**  
*2.1.1. Description of the Event*

Description of the PLL	Physical meeting in KTP premises, first the presentation part was proceeded with presentation of CEUP2030 project and use cases from S3Hubs Project. It was supported by presentation of the evaluation process for the RIS in Malopolska. Second part was a form of workshops were participants divided into 3 groups were analysing the potential of the region in terms of technological areas.
Methodologies applied in the PLL and description of the methodologies	<ul style="list-style-type: none"> <li>1) Power Point Presentation</li> <li>2) Design thining methodology</li> <li>3)</li> <li>...</li> </ul>
Which technologies and/or technology-related policies were discussed in the PLL?	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Big &amp; Real Data Processing &amp; Sensors</b></li> <li><input checked="" type="checkbox"/> <b>Automation &amp; Robotics</b></li> <li><input type="checkbox"/> <b>Smart &amp; New Materials</b></li> <li><input checked="" type="checkbox"/> <b>Artificial Intelligence</b></li> <li><input type="checkbox"/> <b>Other, Please Clarify Below</b></li> </ul> <p><b>In case of other, please clarify topic name, in English:</b></p> <p>We planned to discuss the Smart &amp; New Materials however</p>
How many stakeholders participated in the PLL?	14
Which Triple Helix stakeholder group did the participants belong to? (add number of participants)	<ul style="list-style-type: none"> <li>3 policy</li> <li>4 research</li> <li>7 business</li> </ul>



<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>1) The knowledge gap between business and policy makers has been decreased by common discussion</p> <p>2) The needs and potentials of the business in terms of policy instruments has been identified</p> <p>3) Policy makers increased their knowledge in terms of needs and expectations of business in terms of technological development</p>
<p>Which EU project was introduced in the PLL?</p>	<p>S3HUBSINCE INTEREG CE)</p> <p><b>In case of other, please clarify project name and description, in English:</b></p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>a) It is necessary to bring at the table the policy makers and business representatives together</p> <p>We need to put more effort to involve representatives of smart materials sector</p> <p>b) It is very effective for the discussion to support the presentations with creative work</p> <p>It is necessary to create a comprehensive database of financial instruments in order to have full knowledge on the existing instruments</p>
<p>Hyperlink to picture and video content of the PLL</p>	<p><a href="#">link</a></p>
<p><b>Text summarizing the PLL (procedure, participants, discoveries...)</b></p>	
<p>On 16th of September 2020 Krakow Technology Park organized the first Policy Learning Lab session in it premises.</p> <p>Representatives of regional authorities, academia and business met in order to discuss and analyse the current state of technological development in four areas: intelligent production systems, automation &amp; robotics and artificial intelligence.</p> <p>During the session representatives of companies presented their use cases and identified the main challenges in their every day activities. Moreover the existing support measures have been discussed.</p>	



The session was very interactive and creative and gave a good background for further work on the policy instruments.

### 2.1.2. PLL Feedback

PLL Feedback	
Name of the PP	KPT
Name of your sparring partner	HAMAG
How satisfied was your sparring partner with the PLL?	<p>Really satisfied, succeeded in involvement of the policy relevant stakeholders. Representatives of two different Ministries, namely: Ministry of Economy and Sustainable Development and Ministry of Regional Development and EU Funds, involved stakeholders from university and higher education were present during PLL and had a chance to share the knowledge.</p> <p>Didn't invite SME's yet, they will be involved in second involved.</p> <p>Satisfied with the discussion</p> <p>18 people all together</p> <p>Online meeting</p>
What worked well for your sparring partner? Why?	<p>No problem with involving stakeholders</p> <p>A professor from the Zagreb School of Economy and Management who had presentation "what is the future of the future" - very good introduction to new technologies and AI and its importance. All participants were very satisfied with the presentation. The discussion was a relevant part and went very well. Policy makers were satisfied and interested. One of them had presentation about National Development Strategy. Interesting discussion between professor and policy makers.</p>



<p>In which areas does your sparring partner see room for improvement and why?</p>	<p>It could be better to meet in person, direct discussions, networking part are missing in the online meetings. Could be good to use some tools to involve everyone in the work. Shorten the time (4 hours is too much for online meetings)</p>
<p>What would be the recommendations resulting from the PLL that your sparring partner would give to the other PP in CEUP 2030?</p>	<p>The agenda of the PLL should be varied, including presentations, but also leave some room for discussion later. Inclusion of SMEs.</p>
<p>Which aspects of the PLL will (won't) your sparring partner use in future workshops?</p>	<p>Will use in future workshops...</p> <ul style="list-style-type: none"> <li>• Similar agenda (presentations + open discussion)</li> <li>• Proper, strict moderation</li> <li>• Roundtables/break out rooms</li> </ul> <p>Won't use in future workshops...</p> <ul style="list-style-type: none"> <li>• Shorten time</li> </ul>
<p>What is the impact of the PLL according to your sparring partner?</p>	<p>Mutual understanding of the topic, good start of the discussion. Good feedback from policy makers and participants so it seems that was meaningful for them.</p> <p>Not many events of this kind in Croatia, while there is a strong need to have such kind of activities.</p>
<p>Which lessons learned does your sparring partner take with him/her for the further parts of CEUP 2030?</p>	<p>Intensify and continue communication with the stakeholders to keep their interest in the project and after its end.</p>



## 2.2. PLL PP2 PRO:

### 2.2.1. Description of the Event

Description of the PLL	<p>Online Meeting using MS teams with a presentation and a structured approach</p> <ul style="list-style-type: none"> <li>• Introduction (CEUP in one page)</li> <li>• Round of introductions</li> <li>• Project presentation CEUP 2030</li> <li>• PROFACTOR: How it works as Best Practice Example - workshop</li> <li>• Followed by: " Robotic Workshop, Discussion</li> </ul>
Methodologies applied in the PLL and description of the methodologies	<ol style="list-style-type: none"> <li>1) Power Point Presentation</li> <li>2) Question and answer session</li> <li>3) Open discussion</li> </ol>
Which technologies and/or technology-related policies were discussed in the PLL?	<p><input type="checkbox"/> <b>Big &amp; Real Data Processing &amp; Sensors</b></p> <p><input checked="" type="checkbox"/> <b>Automation &amp; Robotics</b></p> <p><input type="checkbox"/> <b>Smart &amp; New Materials</b></p> <p><input type="checkbox"/> <b>Artificial Intelligence</b></p> <p><input type="checkbox"/> <b>Other, Please Clarify Below</b></p>
How many stakeholders participated in the PLL?	19
Which Triple Helix stakeholder group did the participants belong to? (add number of participants)	<p>4 policy</p> <p>7 research</p> <p>8 business</p>



<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>1) Tools that provide an overview of different funding opportunities are important.</p> <p>2) Technology platforms and similar institutions are important to provide quick information.</p> <p>3) Direct contacts who know about funding are a key factor for the success of a programme.</p>
<p>Which EU project was introduced in the PLL?</p>	<p>OTHER (Please Clarify Below)</p> <p><b>In case of other, please clarify project name and description, in English:</b></p> <p>A cross-section of different projects from H2020, Interreg and National</p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>A common language for all participants in the Trippel Helix groups is required</p>
<p>Hyperlink to picture and video content of the PLL</p>	<p><a href="#">link</a></p>
<p><b>Text summarizing the PLL (procedure, participants, discoveries...)</b></p>	
<p>The PLL at PROFACTOR was a success. It was helpful for the participants that various questions were prepared and distributed in advance</p> <p>EUcalls is the most complete directory with the latest info on EU calls for European Union funding and the best partners to add to your consortium.</p> <p><b><u>FundingBox Community</u></b></p> <p>FundingBox is #FundingGrowth. FundingBox is the guide for any entrepreneur in the quest for growth. Through this community we provide access to funding opportunities, knowledge and connections.</p> <p><a href="https://spaces.fundingbox.com/c/fundingbox-community">https://spaces.fundingbox.com/c/fundingbox-community</a></p> <p><b>Funding &amp; tenders</b></p> <p>The Funding and Tenders Portal is the single entry point (the Single Electronic Data Interchange Area) for applicants, contractors and experts in funding programmes and procurements managed by the ...</p> <p><a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls</a></p> <p>The session was very interactive and creative and gave a good background for further work on the policy instruments.</p>	



2.2.2. PLL Feedback

EXTERNAL 1 <sup>ST</sup> PEER REVIEW TEMPLATE FOR WPT1 OUTPUTS	
<b>Partner Name</b>	<b>PRO</b>
<b>Institution name</b>	<b>Business Upper Austria - OÖ Wirtschaftsagentur GmbH</b>
<b>Region</b>	<b>Upper Austria</b>
<b>Type of organization</b>	<b>Business Support Organisation</b>
<b>CAMI 4.0 related topics</b>	<b>Automation &amp; Robotics</b>
<b>Date</b>	<b>20/11/2020</b>
<b>Duration</b>	<b>Between 30 Minutes and 1 Hour</b>
<b>Name</b>	<b>Mag. Elmar Paireder</b>
<b>Address</b>	<b>Hafenstraße 47-51 4020 Linz, Austria</b>
<b>E-Mail</b>	<b>elmar.paireder@biz-up.at</b>
<b>Position</b>	<b>Cluster Manager, Mechatronik Cluster</b>
<p align="center"><b>Introduction Text for Interviewer:</b> <i>(It is recommended that a short project overview is given by the PP to the Interviewee, which includes insight into the plans the PP is working on to deliver value and innovation capacity building in your region)</i></p>	
<p>You are selected as external peer review individual from your regional CEUP 2030 project, due to your expertise, competence, experience and relevance to our quality monitoring programme.</p> <p>Thank you very much for your time and support.</p> <p>This interview is part of the impact controlling for the project; your answers will be summarized, so that no conclusion to individuals will be possible.</p> <p>The objective of the interview is:</p> <ul style="list-style-type: none"> <li>• to learn what impact you expect from CEUP 2030</li> <li>• to receive a first opinion on how the current outputs, work can reach these goals.</li> </ul> <p>There will be next opportunity to meet and exchange again information, presumably in Spring 2021</p>	
<p><b>Overall Objective of CEUP 2030</b></p> <p>The main objective is to set up stable innovation network with better understanding &amp; improved knowledge, exchange of new technologies, relevant for Central Europe Advanced Manufacturing &amp; Industry 4.0 (CAMI4.0), fostering the exploitation of available outputs/results that will lead to an upgraded policy-making &amp; implementation.</p>	
<p><b>Specific Objective of CEUP2030:</b></p> <ul style="list-style-type: none"> <li>• S01_Enhance skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context</li> <li>• S02_Ensure awareness and shared sustainable responsibility on using the Research, Technology and Innovation knowledge resources in CE/EU for enhancing policy decision support</li> <li>• S03_Anticipate and fast-track policy strategies focused on the CE/EU sustainable and continuous development, necessary to promote an aligned joint S3/RIS3 for CAMI4.0 excellence</li> </ul>	



**“Research Question in 1<sup>st</sup> peer review”:** focus on specific analysis & updates for second PLL “in practice” (D.T1.2.3), plus insight into early strategic vision for CAMI4.0 Excellence.

**WPT1 Objective:**

The overall objective of WPT1 links to the project’s specific objective of enhancing skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context.

The challenge manifests in two sub-objectives which are:

- (1) To train and empower people to work in the environment of new technologies (strategically and operatively) regarding policy-relevant decisions
- (2) To pool a critical mass of trained stakeholders to generate sufficient power for policy-making and appropriate selection, adaption and fine-tuning of already proven tools, instruments and methodologies.

WPT1 has two main outputs:

**OUTPUT1 - CEUP 2030 Policy Learning Lab**

This output describes the physical structure which will be created and deployed by each partner to train and empower policy-relevant stakeholders on the CAMI4.0 Topics, to generate sufficient knowledge exchange to support policy-making. This output has a number of parts which must be achieved for it to be considered “complete”. It consists of three major parts.

**OUTPUT 2: CEUP 2030 Strategy Upgrade & Boost**

This output describes the development of a Strategy & Action Plan which sets the vision and working plan for the Trend and Innovation Networks (“TIN”) for CAMI4.0.

Category & Question	Answer
<b>A. General</b>	
<ul style="list-style-type: none"> <li>– When hearing the objectives of CEUP 2030, generally, what opportunities do you expect this project to bring to your Organization? Your region? Central Europe?</li> </ul>	<p>The project can be relevant for us in that we can offer extended services for our members (members of the Mechatronics Cluster and the BIZ UP). Furthermore, through this and through networking with other key players we can offer significant benefits for our organization, for the region and also for the companies located in the region. And this with a very good strategic approach.</p>
<ul style="list-style-type: none"> <li>– If you know Interreg Central Europe (<a href="https://www.interreg-central.eu/">https://www.interreg-central.eu/</a>): How relevant do you guess CEUP2030 for Interreg Central Europe is?</li> </ul>	<p>We have many years of good experience with CE projects and have already managed several of them. Therefore, we can judge the usefulness of these programs very well and with focused use these programs are very valuable for Upper Austria.</p>
<b>B. Relevance &amp; Effectiveness</b> <i>(referring to the relevance of the project work to the objective and aim of the project, and effectiveness at building a sustainable transnational support structure with sustainable linkages &amp; enhancing regional innovation capacity)</i>	
<ul style="list-style-type: none"> <li>– How relevant and effective is the Policy Learning Lab (OT1.1.) in reaching the project’s wider aims &amp; objectives? What would you change?</li> </ul>	<p>The agenda and plan for the first PLL in Robotics and Automation was very relevant. As a kick-off event, the exchange of experiences with other stakeholders, which was very well composed from different areas (research, industry, public authorities) was very important. Also, the</p>



	common processing of various questions was very successful.
<ul style="list-style-type: none"> <li>– Could the content in PLL be quickly felt and understood? What would you change?</li> </ul>	As there was a short and good introduction about the topics and the tasks, it was relatively easy to understand the plan. If the next PLL sends out the documents beforehand this could be helpful.
<b>C. Value- Creation</b> <i>(referring specifically to the project's future activities using WPT1 outputs, to showcase how value can be created with transnational support structures - for instance: access to knowledge, personal networking, concrete cooperation)</i>	
<ul style="list-style-type: none"> <li>– How can the Policy Learning Lab (OT1.1.) create value for your region's key stakeholders?</li> </ul>	The LLPs can support the Upper Vision 2030 by comparing other regions in the implementation phase defined there, making best practice examples comparable and thus providing valuable inputs. This Exchange of experience is very valuable.
<ul style="list-style-type: none"> <li>– How can the results of CEUP 2030 be utilized to create added value for your region's key stakeholders?</li> </ul>	A better understanding of the needs and expectations of technology companies can be conveyed in CEUP2030. Our region and stakeholders can benefit from a better preparation of policy instruments for the next period. The transnational perspective is also very important and offers the possibility to learn about and compare good practices etc.
<ul style="list-style-type: none"> <li>– How can Strategy with action plan (OT.1.2) create added value for your region's key stakeholders?</li> </ul>	I am not aware of the strategy in detail, but it is similar to the previous output it can help in designing more effective policy instruments
<b>D. Sustainability/Transferability</b> <i>(referring specifically to the ability of the work package outputs to be utilized for other RIS3 aims &amp; integrated into other initiatives to sustain and transfer results)</i>	
<ul style="list-style-type: none"> <li>– What are the strengths, weaknesses, and where do you see the opportunities and potential challenges in Industry 4.0 in your region and country?</li> </ul>	The main strengths are the consortium consisting of 10 High Level Partners and also the Associated Partners. The technological focus is also a strength. A weakness is the not yet fully coordinated topic.
<ul style="list-style-type: none"> <li>– How can the PLL results be used to support creation/upgrade of RIS3? Or Other Initiative(s)?</li> </ul>	The outputs and recommendations coming from the PLLs will be directly involved in the update the Regional Innovation Strategy for the next programming period.



**CEUP 2030**

<ul style="list-style-type: none"> <li>- Where do you want to see your region, country, related to CAMI 4.0?</li> </ul>	<p>Upper Austria is still the leading region in Austria in the field of Manufacturing. The region is making a great deal of effort to maintain and expand its leadership. In the Upper Vison 2030 strategy, the themes are defined and are much the same as the CAMI themes in the CEUP2030 project. Upper Austria will continue to be the leading region in Manufacturing, Robotics, AI and I4.0 in the coming years.</p>
<p><b>E. Closing Remarks</b></p>	
<ul style="list-style-type: none"> <li>- What other comments or recommendations do you have about CEUP 2030 and its goals &amp; visions, which have not been mentioned/asked yet?</li> </ul>	<p>The CEUP 2030 project is very well positioned and, in my opinion, covers important issues both technically and in terms of communication and the involvement of relevant stakeholders.</p>
<ul style="list-style-type: none"> <li>- Other</li> </ul>	<p>Closer cooperation with the BIZ UP-led Interreg project Boost4BSO is recommended and is already underway</p>



## 2.3. PLL PP3 PIA:

### 2.3.1. Description of the Event

PLL Reporting Template	
Name of the PP	PIA
PLL Type (first and second round of PLL, transnational PLL), Date and Location	First round of PLL
Description of the PLL	The PLL focused on the topic of Artificial Intelligence (AI). Policymakers and other stakeholders were invited to participate, the PLL was conducted online.
Methodologies applied in the PLL and description of the methodologies	<p>1) Voluntary theoretical input: The PLL was organized as part of a broader workshop towards AI. Interested policymakers could receive the high quality input (two major research organizations) from the other workshop in the morning and participate in the PLL in the afternoon.</p> <p>2) Brainstorming via online Whiteboards: During the PLL, the participants were asked to write their ideas and thoughts into an online whiteboard (AWW).</p>
Which technologies and/or technology-related policies were discussed in the PLL?	<input type="checkbox"/> <b>Big &amp; Real Data Processing &amp; Sensors</b> <input type="checkbox"/> <b>Automation &amp; Robotics</b> <input type="checkbox"/> <b>Smart &amp; New Materials</b> <input checked="" type="checkbox"/> <b>Artificial Intelligence</b> <input type="checkbox"/> <b>Other, Please Clarify Below</b>
How many stakeholders participated in the PLL?	15
Which Triple Helix stakeholder group did the participants belong to? (add number of participants)	11 policy 2 research 2 business



<p>Key Outcomes of the PLL and description of the outcomes</p>	<ol style="list-style-type: none"> <li>1) List of Austrian networks regarding AI</li> <li>2) List of sources for AI knowledge</li> <li>3) Overview on policy instruments regarding AI on a regional, national and European level</li> <li>4) “Wishlist” for AI policy instruments</li> </ol>
<p>Which EU project was introduced in the PLL?</p>	<p>OTHER (Please Clarify Below)</p> <p>Project “AI for GOOD”: PIA is conducting this project together with the Austrian Chamber of Labor</p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<ol style="list-style-type: none"> <li>a) Brainstorming online works well, there is already a lot of know-how existing regarding AI</li> <li>b) Participants got an overview and could build know-how on different perspectives regarding AI</li> </ol>
<p>Hyperlink to picture and video content of the PLL</p>	<p>The PLL was an online call, therefore, there is no picture or video content available, unfortunately.</p>

**Text summarizing the PLL (procedure, participants, discoveries...)**

The PLL started with an introduction of PIA and of its activities.

Afterwards, CEUP 2030 was introduced and the participants could ask questions regarding the planned project.

Following the introduction, the format of the PLL was explained. The PLL serves as a tool for exchange among policymakers and in order to properly facilitate dialogue, and interactive format was chosen. Via the Online-Tool “AWW” ([awwapp.com/](http://awwapp.com/)) online whiteboards were created in advance. In a shared presentation, questions were asked to the participants and the participants used post-its to answer the questions. After 3-5 minutes of silent brainstorming for each question, the moderator highlighted different outcomes to all the participants so they could see and learn, what their fellow participants wrote down. With this setting, many inputs (as described above) were created and summarized.

The whole PLL was conducted via GoToMeeting. The whole-day workshop (including the part of “AI for GOOD” as mentioned above) took from 10:00-15:00, the brainstorming described happened between 13:30 and 15:00.



### 2.3.2. PLL Feedback

PLL Feedback	
Name of the PP	PIA
Name of your sparring partner	PTP
How satisfied was your sparring partner with the PLL?	It was nice, due to COVID restrictions the whole group was not able to participate at the same time, two workshops were necessary (national + local); participants were satisfied in both cases
What worked well for your sparring partner? Why?	Geographical set-up made it easier for people to join (Murska Sobota) The whole workshop was good, good content and context
In which areas does your sparring partner see room for improvement and why?	Working more on the topics would be good (now: focus on organization + CEUP)
What would be the recommendations resulting from the PLL that your sparring partner would give to the other PP in CEUP 2030?	Give stakeholders good topics to discuss and a nice venue for doing so (e.g. a nice restaurant)
Which aspects of the PLL will (won't) your sparring partner use in future workshops?	Will use in future workshops... <ul style="list-style-type: none"> <li>• Structure of PLL</li> <li>• Topics of PLL</li> <li>• Location: own region is more casual</li> </ul> <i>If setting and situation (COVID...) stays the same, it would be good.</i> Won't use in future workshops... next PLL: no radical changes, but depends on the situation
What is the impact of the PLL according to your sparring partner?	Valuable information was created through opinion exchange
Which lessons learned does your sparring partner take with him/her for the further parts of CEUP 2030?	As mentioned in the presentation in the kick-off conference



2.4. PLL PP4 IWU:  
2.4.1. Description of the Event



1. Reporting Template

PLL Reporting Template	
Name of the PP	IWU
PLL Type (first and second round of PLL, transnational PLL), Date and Location	First round of PLL Chemnitz, 07 October 2020
Description of the PLL	The first policy learning lab targeted the analysis of the current challenges of CAMI 4.0 and network organisations aiming to support and to increase connectivity in the region. Different network approaches and outcomes were presented and strategic long-term development potentials identified, followed by a discussion about long lasting value creation techniques. The role of policy makers on different levels in the region was investigated. Successful technology use cases from the smart <sup>3</sup> network were presented as well.
Methodologies applied in the PLL and description of the methodologies	The workshop started with an informative input session on different network initiatives, followed by <ol style="list-style-type: none"> <li>1) Best Practice examples and successfully developed technologies within the smart<sup>3</sup> network as technology use cases.</li> <li>2) Analysis of scenarios.</li> <li>3) Interactive brainstorming and idea collection.</li> <li>4) Open discussion</li> <li>5) Possibilities to facilitate networking and exchange.</li> </ol>



<p>Which technologies and/or technology-related policies were discussed in the PLL?</p>	<p><input type="checkbox"/> Big &amp; Real Data Processing &amp; Sensors  <input type="checkbox"/> Automation &amp; Robotics  <input checked="" type="checkbox"/> Smart &amp; New Materials  <input type="checkbox"/> Artificial Intelligence  <input type="checkbox"/> Other, Please Clarify Below</p> <p>In case of other, please clarify topic name, in English: [Free Text Response]</p>
<p>How many stakeholders participated in the PLL?</p>	<p>10</p>
<p>Which Triple Helix stakeholder group did the participants belong to? (add number of participants)</p>	<p>_2_ policy          _3_ research          _5_ business</p>
<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>1) The participants could increase their sensibility for recent issues and challenges of the area of smart materials and sustainable research network management through the presentations and discussions.          2) Possibilities but also challenges related to funding acquisition and membership were brought up.          3) All participants agreed on a general policy towards the further steps and actions regarding cooperation, knowledge exchange and industry 4.0.</p>
<p>Which EU project was introduced in the PLL?</p>	<p>S3HUBSINCE INTEREG CE)          Furthermore, connections were drawn to the "smart<sup>2</sup>   materials, solutions, growth" network</p>



<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>a) The notion of networking being a decisive factor could be supported. The connections along the industry stakeholders are crucial and important for further development. Network structures must be compelling and reasonable.</p> <p>b) It was learnt that it is crucial to involve the whole value chain and have a common vision of investment &amp; development needs in the region and the specific sector of research.</p>
<p>Hyperlink to picture and video content of the PLL</p>	<p>Photos are uploaded on Alfresco</p>
<p><b>Text summarizing the PLL (procedure, participants, discoveries...)</b></p>	
<p>The overall aim of the PLL was to bring together local policy makers and network organisations and foster sustainable development ideas for the region and resident companies, especially focussing on SMEs. Strategic development potentials were identified with regard to the smart<sup>3</sup> network and connections drawn to the S3HubsinCE consortium, too. Network structure analysis as well as funding challenges and mitigation brainstorming was conducted. Best practise examples of successfully developed technologies and research outcomes but also other network best practises were presented and awareness raised. The importance of topics in CAM4.0 areas and related possibilities of policy advocacy could be discussed.</p>	



## 2.4.2. PLL Feedback

### 2.4.2.1. Feedback from the sparring partner



#### 1.1. Feedback IWU - SIIT

<b>PLL Feedback</b>	
Name of the PP	IWU
Name of your sparring partner	SIIT
How satisfied was your sparring partner with the PLL?	The sparring partner was overall satisfied with the PLL and the open and extensive discussion that could be fostered.
What worked well for your sparring partner? Why?	The broad discussion between the participants went well and the approach of using mixed formats between online and presence, even if it was challenging, worked properly. Local companies could be reached and trained regarding existing funding options and technologies due to the workshop design being in the local language (Italian).
In which areas does your sparring partner see room for improvement and why?	Few policy makers could be engaged due to the fact that there are relatively less policy makers in the SIIT portfolio compared to SMEs or companies in general. It is especially difficult during this times (COVID-19 pandemic) to involve many actors.
What would be the recommendations resulting from the PLL that your sparring partner would give to the other PP in CEUP 2030?	It helps the discussion to focus on one specific event format. In the mixed approach with virtually connected participants and people attending in person, the discussion can lose fluency due to technical circumstances.
Which aspects of the PLL will (won't) your sparring partner use in future workshops?	Will use in future workshops.. <ul style="list-style-type: none"> <li>▪ Round tables shortly introducing themselves and the current state of work</li> <li>▪ Short pitches of recent development (between the first and the second PLL)</li> <li>▪ Keep the participants updated until the next PLL</li> </ul>



	<p>Won't use in future workshops.../ What should be done for the next PLL:</p> <ul style="list-style-type: none"> <li>▪ Shorter or more concise workshop design</li> <li>▪ For the next PLL, it will be beneficial to increase the workshop preparation time beforehand.</li> </ul>
<p>What is the impact of the PLL according to your sparring partner?</p>	<p>Many of the Italian SMEs were not aware of the amount of funding possibilities and technologies existing. The majority didn't know about the variety of channels, contact points and connection options available. Generally, awareness could be raised.</p>
<p>Which lessons learned does your sparring partner take with him/her for the further parts of CEUP 2030?</p>	<p>It was learnt that the increased involvement of policy makers and universities &amp; research organisations is important. The PLL audience could be sensitized in terms of content and project goals but should be kept updated with the developments of the CEUP 2030 project until the second PLL. Hopefully, many of them can be engaged again.</p>



2.4.2.2. Feedback -Peer review



**ANNEX 1**

1.1.1. External 1st Peer Review Template for WPT1 OUTPUTS

EXTERNAL 1 <sup>ST</sup> PEER REVIEW TEMPLATE FOR WPT1 OUTPUTS	
Partner Name	IWU
Institution name	smart <sup>3</sup>   materials - solutions - growth
Region	Saxony/Germany
Type of organization	Business Support Organization
CAMI 4.0 related topics	Smart & New Materials
Date	07/10/2020
Duration	Under 30 Minutes
Name	Mattes Brähmig
Address	Edisonstraße 4 02625 Bautzen
E-Mail	<a href="mailto:info@smarthoch3.de">info@smarthoch3.de</a>
Position	Network Manager
<p><b>Introduction Text for Interviewer:</b> <i>(It is recommended that a short project overview is given by the PP to the Interviewee, which includes insight into the plans the PP is working on to deliver value and innovation capacity building in your region)</i></p> <p>You are selected as external peer review individual from your regional CEUP 2030 project, due to your expertise, competence, experience and relevance to our quality monitoring programme.</p> <p>Thank you very much for your time and support.</p> <p>This interview is part of the impact controlling for the project; your answers will be summarized, so that no conclusion to individuals will be possible.</p> <p>The objective of the interview is:</p> <ul style="list-style-type: none"> <li>to learn what impact you expect from CEUP 2030</li> <li>to receive a first opinion on how the current outputs, work can reach these goals.</li> </ul> <p>There will be next opportunity to meet and exchange again information, presumably in Spring 2021</p> <p><b>Overall Objective of CEUP 2030</b></p> <p>The main objective is to set up stable innovation network with better understanding &amp; improved knowledge, exchange of new technologies, relevant for Central Europe Advanced Manufacturing &amp; Industry 4.0 (CAMI4.0), fostering the exploitation of available outputs/results that will lead to an upgraded policy-making &amp; implementation.</p>	



**Specific Objective of CEUP2030:**

- S01\_Enhance skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context
- S02\_Ensure awareness and shared sustainable responsibility on using the Research, Technology and Innovation knowledge resources in CE/EU for enhancing policy decision support
- S03\_Anticipate and fast-track policy strategies focused on the CE/EU sustainable and continuous development, necessary to promote an aligned joint S3/RIS3 for CAM4.0 excellence

“Research Question in 1<sup>st</sup> peer review”: focus on specific analysis & updates for second PLL “In practice” (D.T1.2.3), plus insight into early strategic vision for CAM4.0 Excellence.

**WPT1 Objective:**

The overall objective of WPT1 links to the project’s specific objective of enhancing skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context.

The challenge manifests in two sub-objectives which are:

- (1) To train and empower people to work in the environment of new technologies (strategically and operatively) regarding policy-relevant decisions
- (2) To pool a critical mass of trained stakeholders to generate sufficient power for policy-making and appropriate selection, adaption and fine-tuning of already proven tools, instruments and methodologies.

WPT1 has two main outputs:

**OUTPUT 1 - CEUP 2030 Policy Learning Lab**

This output describes the physical structure which will be created and deployed by each partner to train and empower policy-relevant stakeholders on the CAM4.0 Topics, to generate sufficient knowledge exchange to support policy-making. This output has a number of parts which must be achieved for it to be considered “complete”. It consists of three major parts.

**OUTPUT 2: CEUP 2030 Strategy Upgrade & Boost**

This output describes the development of a Strategy & Action Plan which sets the vision and working plan for the Trend and Innovation Networks (“TIN”) for CAM4.0.

Category & Question	Answer
A. General	
When hearing the objectives of CEUP 2030, generally, what opportunities do you expect this project to bring to your Organization? Your region? Central Europe?	I expect to broaden the connections with different partners on a European level and increase the visibility of the smart <sup>3</sup> network which hopefully leads to new and fruitful transnational project proposal possibilities. Through training and showcasing successful technology applications, awareness can be raised.



<ul style="list-style-type: none"> <li>- If you know Interreg Central Europe (<a href="https://www.interreg-central.eu/">https://www.interreg-central.eu/</a>): How relevant do you guess CEUP2030 for Interreg Central Europe is?</li> </ul>	<p>For sensitization of relevant stakeholder it is important. It should also be kept in mind to generate tangible outcome for the companies in form of specific cooperation or project proposals through the linkages achieved in CEUP2030.</p>
<p><b>B. Relevance &amp; Effectiveness</b> (referring to the relevance of the project work to the objective and aim of the project, and effectiveness at building a sustainable transnational support structure with sustainable linkages &amp; enhancing regional innovation capacity)</p>	
<ul style="list-style-type: none"> <li>- How relevant and effective is the Policy Learning Lab (OT1.1.) in reaching the project's wider aims &amp; objectives? What would you change?</li> </ul>	<p>The Policy Learning Lab was effective due to the open discussion culture and exchange with the different partners. The group size was optimal for that. I appreciated that we could meet in person in the Fraunhofer IWU in Chemnitz. It was a welcome opportunity.</p>
<ul style="list-style-type: none"> <li>- Could the content in PLL be quickly felt and understood? What would you change?</li> </ul>	<p>Yes, it was clear. The event was well planned and communicated beforehand. So I knew what to expect and could prepare appropriately.</p>
<p><b>C. Value- Creation</b> (referring specifically to the project's future activities using WPT1 outputs, to showcase how value can be created with transnational support structures - for instance: access to knowledge, personal networking, concrete cooperation)</p>	
<ul style="list-style-type: none"> <li>- How can the Policy Learning Lab (OT1.1.) create value for your region's key stakeholders?</li> </ul>	<p>It provides an event platform to exchange successes and experience among different parties. New insights are therefore the main form of value creation.</p>
<ul style="list-style-type: none"> <li>- How can the results of CEUP 2030 be utilized to create added value for your region's key stakeholders?</li> </ul>	<p>The project increases understanding of the needs and challenges in the sector and across the Central European countries on a policy level.</p>
<ul style="list-style-type: none"> <li>- How can Strategy with action plan (OT.1.2) create added value for your region's key stakeholders?</li> </ul>	<p>I see its value in the fact that it provides a shared mental model and vision for the future work.</p>
<p><b>D. Sustainability/Transferability</b> (referring specifically to the ability of the work package outputs to be utilized for other RIS3 aims &amp; integrated into other initiatives to sustain and transfer results)</p>	



<ul style="list-style-type: none"> <li>- What are the strengths, weaknesses, and where do you see the opportunities and potential challenges in Industry 4.0 in your region and country?</li> </ul>	<p>A strength is that in our region there is a <b>high density of SMEs operating in the field of smart materials, machine tools and all related production processes.</b> The companies need effective connectivity measures and exchange platforms.</p>
<ul style="list-style-type: none"> <li>- How can the PLL results be used to support creation/upgrade of RIS3? Or Other Initiative(s)?</li> </ul>	<p>The discussion increased the common understanding of current challenges and produced mitigation ideas for the future, especially related to network and business support efforts.</p>
<ul style="list-style-type: none"> <li>- Where do you want to see your region, country, related to CAAM 4.0?</li> </ul>	<p>We want to be known in the field of smart materials and increase our visibility on national and transnational level.</p>
<p><b>E. Closing Remarks</b></p>	
<ul style="list-style-type: none"> <li>- What other comments or recommendations do you have about CEUP 2030 and its goals &amp; visions, which have not been mentioned/asked yet?</li> </ul>	<p>No more comments.</p>



## 2.5. PLL PP5 KIT:

### 2.5.1. Description of the Event

PLL Reporting Template	
Name of the PP	KIT
PLL Type (first and second round of PLL, transnational PLL), Date and Location	1 <sup>st</sup> Round of PLL 17 <sup>th</sup> September 2020, Virtual Meeting via GoToMeeting (due to Covid 19 Pandemic)
Description of the PLL	<p>The first regional policy learning lab conducted by KIT saw the total participation of 15 people, including 10 externals belonging to the triple helix stake holder groups. The PLL talked about the topic of Digital Manufacturing technologies, and gave an introduction to TIN 1 “Intelligent Production Systems (IPS)” lead by KIT. This being one of the main areas of interests in the region of Baden-Württemberg.</p> <p>This first meeting also signalled the beginning of the bringing together of the different stakeholders that will eventually form the core of the regional Trend and Innovation network activities in Intelligent Production Systems. A lot of insight was gained on topics of importance for the different stakeholders and good feedback was received regarding the new technology topic that was discussed with momentum for more participation in CEUP 2030 activities being created.</p>
Methodologies applied in the PLL and description of the methodologies	<p>The meeting followed a strict agenda, with the aim of keeping good time and conducting deep discussion on the chosen topic. The meeting was split into 2 sessions, each an hour long.</p> <p>Firstly was the introductory session -</p> <ul style="list-style-type: none"> <li>This started with the introduction of the Mentimeter system that was used for collecting feedback from the participants, this was done by using a number of basic questions regarding the participants’ thoughts about Industry 4.0 technology and by asking them to describe their roles within their own organisation. This also functioned as a first data collection</li> </ul>



	<p>opportunity on the background of all participants.</p> <ul style="list-style-type: none"> <li>• This was followed by an introduction to the KIT, the KIT facilities, the events agenda and eventually introducing the CEUP 2030 Project as well.</li> <li>• The CEUP 2030 Project, the different PP, the different WPs, the CAMI 4.0 topics as well as the various workshops and networking events within CEUP 2030 were introduced.</li> <li>• This was followed by the second interactive session which asked the participants regarding the benefit of creation of such a regional network as planned within CEUP 2030 (the TINS), followed by asking what the most important topics are for the participating stakeholders. Finally they were asked to rank the various TIN topics in order of relevance for themselves, with TIN IPS coming out as most relevant. This identified need further strengthened the decision to shift the focus of TIN1 towards IPS.</li> <li>• Following the short break, the technological topic discussion began with an emphasis on digital manufacturing technologies which is the most important topic for KIT.</li> <li>• Basics within the topic were provided and the presentation concluded by presenting various technological use cases and projects that were conducted at KIT</li> <li>• The next interactive session asked participants regarding innovative applications they can foresee using 3D printing technology, and the final discussion session asking each stakeholder group regarding their expectations and challenges regarding to digital manufacturing was conducted, with all the talking points written down.</li> <li>• Next, the participants were asked regarding future topics that need to be discussed in the next meetings during the next PLL as well as TIN IPS.</li> </ul>
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	<ul style="list-style-type: none"> <li>At the end of the workshop, the participants were informed regarding future events conducted by the CEUP team and were asked to give a quick evaluation of the event.</li> </ul>
<p>Which technologies and/or technology-related policies were discussed in the PLL?</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>Intelligent Production Systems</b></li> <li><input type="checkbox"/> <b>Automation &amp; Robotics</b></li> <li><input type="checkbox"/> <b>Smart &amp; New Materials</b></li> <li><input type="checkbox"/> <b>Artificial Intelligence</b></li> <li><input type="checkbox"/> <b>Other, Please Clarify Below</b></li> </ul>
<p>How many stakeholders participated in the PLL?</p>	<p>For the first regional PLL a total of 50 people belonging to the triple helix stakeholder group were invited through calls and email. 27 of which belong to the policy makers and business support organisation group. 12 people from Industry and 11 people from higher education and research were also invited.</p> <p>Out of which we achieved a participation of 16 people overall including internal participants (Within KIT)</p> <p>Of which 10 were registered external (Triple Helix stakeholders) participants, 1 of which was absent on the day.</p>
<p>Which Triple Helix stakeholder group did the participants belong to? (add number of participants)</p>	<p>__4_ policy __3_ research __3_ business</p>
<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>The PLL brought together a unique collection of people who rarely sit together on the same table, which in itself was regarded as a good outcome of the event and was appreciated by the participants of the event.</p> <ol style="list-style-type: none"> <li>The event allowed the KIT team to present the topic of digital manufacturing and functional 3D Printing technology to a group of people who have had little or no prior knowledge or experience to it.</li> <li>The CEUP 2030 project was introduced and the further events were mentioned with the participants showing enthusiasm for participation in further events.</li> </ol>



	<p>3. The PLL acted as a soft launch and first gathering of relevant stakeholders who will also form the core of the TIN IPS in the South-West Germany region.</p> <p>4. Valuable feedback regarding the important topics for consideration within the TIN as well as successive PLL meetings was received.</p>
<p>Which EU project was introduced in the PLL?</p>	<p>SYNERGY (INTERREG CE)</p> <p><b>In case of other, please clarify project name and description, in English:</b> [Free Text Response]</p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>(A) LESSONS LEARNT as PP</p> <ul style="list-style-type: none"> <li>• The creation of a regional network is something that is actually necessary, appreciated and can be very useful within the topic of IPS.</li> <li>• The PLL was useful in dissemination of a topic such as functional printing to a broader audience and especially to policy making stakeholders. This is a format that shows promise.</li> <li>• Policy making stakeholders are the hardest to recruit for attendance at such events and need to be contacted well in advance, even with 4 weeks of notice, most asked policy makers were already unavailable.</li> <li>• Inclusion of Professors and Industrialists at the meeting allows planning for future PLL and TIN meetings as they are able to contribute the most important topics that need addressing. They can also support by providing talks, discussions, seminars etc when asked.</li> </ul> <p>(B) LESSONS LEARNT participants</p> <ul style="list-style-type: none"> <li>• Participants were able to realise and then articulate the various benefits that can arise by being part of such a regional network. Especially for improving their</li> </ul>



	networking and multiplication factors with Eastern Europe.  ...
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Hyperlink to picture and video content of the PLL	Attached at end of document and uploaded to Alfresco
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**Text summarizing the PLL (procedure, participants, discoveries...)**

The first regional Policy learning lab was conducted successfully by KIT in a virtual format on the 17<sup>th</sup> of September with a total triple helix stakeholder attendance of 10 participants and 15 participants in total counting internal KIT participants and presenters. The PLL focussed on the topic of Digital Manufacturing which is one of the most important topics for the manufacturing sector in the region of Baden-Württemberg. Representative of regional policy making organisations, national contact points, technology transfer, as well as research and industrial organisation participated in the event.

The first PLL was designed to act as a way of informing policy making professionals on the topic of digital manufacturing and on the other hand to launch the network building activities within CEUP 2030, namely the creation of the CEUP 2030 Trend and Innovation Networks (TIN) in Intelligent Production Systems (IPS). Since these participants will for the crux of the TINs as well. A large amount of data regarding the important areas within the topic, future areas for collaboration etc. were discussed. A number of innovative ideas such as the printing of engine blocks, sensors, customised medicine and even voxel based printing were brought up during the final discussion phase and led towards a spirited dialog. Helping the PLL conclude with an innovative atmosphere and with hope for further action and cooperation in the future. All participants expressed an enthusiasm for participation in further CEUP 2030 events and appreciated the creation of such a diverse network within a much needed sphere.

The usage of the mentimeter tool allowed the efficient collection of input during the interactive sessions, though there was also hope for the conduction of future events in a physical format where it is easier for active networking, brainstorming on project ideas and for spirited discussions.

**2.5.2. PLL Feedback**

<b>PLL Feedback</b>	
Name of the PP	KIT
Name of your sparring partner	AFIL



<p>How satisfied was your sparring partner with the PLL?</p>	<p>AFIL was quite satisfied with the First PLL. Expectations on participants and outputs were met with no particular deviations from the plan.</p>
<p>What worked well for your sparring partner? Why?</p>	<p>It was a successful meeting with many attendees covering all the categories of stakeholders. So, it was possible for AFIL, to collect feedback from diverse types of organisation and the discussion was fruitful for all of them.</p>
<p>In which areas does your sparring partner see room for improvement and why?</p>	<p>AFIL believes that next time, the number of participants should be limited to facilitate the exchange (46 Participants this time), in particular in case of virtual events.</p> <p>Some companies did feel comfortable in sharing their point of view. They thought it could be useful to send out an invitation complemented with preparation materials to anticipate them the inputs and contribution they will be required to share with the participants.</p>
<p>What would be the recommendations resulting from the PLL that your sparring partner would give to the other PP in CEUP 2030?</p>	<ul style="list-style-type: none"> <li>• Focus on a specific area/challenge to come up with more precise results, otherwise there is the risk to be too general</li> <li>• Properly select stakeholders to be invited not only in terms of numbers but also in terms of addressed sectors/area of activities.</li> </ul>
<p>Which aspects of the PLL will (won't) your sparring partner use in future workshops?</p>	<p>Will use in future workshops...</p> <ul style="list-style-type: none"> <li>• Collaborative space (MURAL)</li> <li>• Preparation material to send out with invitation</li> </ul> <p>Won't use in future workshops...</p> <ul style="list-style-type: none"> <li>• Free-access</li> </ul>
<p>What is the impact of the PLL according to your sparring partner?</p>	<p>For the PLL 1, AFIL put the basis for a discussion on AI in Machinery sector, with the aim to further explore already existing solutions and applications, define R&amp;I priorities and highlight existing challenges in technologies uptake and integration.</p>
<p>Which lessons learned does your sparring partner take with him/her for the further parts of CEUP 2030?</p>	<p>They have learnt that It is important to strategically plan coherently all the meetings/workshops envisaged in CEUP2030 and involve stakeholders of the region in this path since the beginning.</p>



## 2.6. PLL PP6 AFIL:

### 2.6.1. Description of the Event

PLL Reporting Template	
Name of the PP	AFIL
PLL Type (first and second round of PLL, transnational PLL), Date and Location	1 <sup>st</sup> Round of PLL 6 <sup>th</sup> July 2020, Webinar (due to COVID restriction)
Description of the PLL	<p>More than 40 participants attended the event which was specifically focussed on AI application in Machinery and Mechatronics sector, one of the most important manufacturing areas in Lombardy. Representatives of regional and EU institution were also present together with regional research centres and universities contributing to the discussion with their knowledge and competences.</p> <p>This 1<sup>st</sup> PLL was conceived as the first step of a process that will involve a group of heterogeneous stakeholder in the definition of guidelines for policy makers of different level and to foster the implementation of new projects at regional and interregional level.</p>
Methodologies applied in the PLL and description of the methodologies	<p><b>1) Introduction</b></p> <p>The meeting started with an introduction on the scope of the meeting which was mainly targeted to the discussion of Artificial Intelligence applications and related future trends, with the aim to make policy makers more aware of technology potential of the region as well as to pave the way toward a more efficient programme. During the introduction CEUP2030 was also presented as a follow up of 3DCentral project that will be developed by AFIL with the specific intent to support Lombardy Region in re-shaping R&amp;I policies for the future programming period as well as to strengthen the interregional collaboration accordingly. In addition, S34GROWTH project was also mentioned to highlight the continuity of</p>



	<p>AFIL activities and goals in the framework of INTERREG and in supporting Lombardy Region with policy advise.</p> <p><b>2) Brainstorming session on technologies and application for Artificial Intelligence</b></p> <p>In order to facilitate the discussion and invite companies to easily share their priorities, a framework has been prepared referring to the main production phases in which artificial intelligence can have a relevant impact.</p> <p><b>SMART PRODUCTS</b></p> <ul style="list-style-type: none"> <li>• Research and new product design</li> <li>• Improvement of existing products/services</li> <li>• Marketing/sales</li> </ul> <p><b>SMART FACTORY</b></p> <ul style="list-style-type: none"> <li>• Operator support</li> <li>• Production planning and control</li> <li>• Process and Systems</li> <li>• Quality</li> </ul> <p><b>SMART VALUE-CHAIN</b></p> <ul style="list-style-type: none"> <li>• Supply-chain management/Logistics</li> <li>• Service</li> </ul> <p><b>KNOWLEDGE MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>• Formalisation and consolidation of company’s knowledge</li> <li>• Formalisation and consolidation of operators’ knowledge</li> </ul> <p>Accordingly, companies were asked to write on virtual post-it the applications they are developing or the projects they want to invest on linking them to the different areas proposed. This co-creation session was also actively participated by research stakeholders who enriched the feedback collected by industrials with insights from their R&amp;I projects.</p>
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	<p>The brainstorming session was guided by AFIL using <a href="#">MURAL</a>, a digital workspace for visual collaboration. The whiteboard was prepared with a template reflecting the scheme reported above (see Annex 2) and once closed the brainstorming session it was also lunched a voting session with the aim to prioritise the applications identified by the participants.</p> <p style="text-align: center;"><b>3) Conclusion and next steps</b></p> <p>A final wrap-up was coordinated by AFIL announcing the result of the voting session highlighting the main priorities recognised by the group. Moreover, participants were informed about the next steps envisaged inviting them to contribute to the delivery of the final output which is a set of recommendations for Lombardy Region useful to shape the new policy instruments in the upcoming programming period.</p>
<p>Which technologies and/or technology-related policies were discussed in the PLL?</p>	<p><input type="checkbox"/> <b>Big &amp; Real Data Processing &amp; Sensors</b></p> <p><input checked="" type="checkbox"/> <b>Automation &amp; Robotics</b></p> <p><input type="checkbox"/> <b>Smart &amp; New Materials</b></p> <p><input checked="" type="checkbox"/> <b>Artificial Intelligence</b></p> <p><input type="checkbox"/> <b>Other, Please Clarify Below</b></p> <p><b>In case of other, please clarify topic name, in English: [Free Text Response]</b></p>
<p>How many stakeholders participated in the PLL?</p>	<p>43 stakeholders participated to the PLL</p>
<p>Which Triple Helix stakeholder group did the participants belong to? (add number of participants)</p>	<p>4 policy</p> <p>20 research</p> <p>16 business</p> <p>3 Other (association, clusters...)</p>



<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>1) <b>Engagement of key stakeholders in the process and CEUP2030 activities.</b></p> <p>2) <b>Identification of applications and technologies which are priorities for industrial stakeholders and that will be further investigated both at technical level and in alignment with the policy makers at different level</b></p>
<p>Which EU project was introduced in the PLL?</p>	<p>3DCENTRAL (INTERREG CE) OTHER (Please Clarify Below) <b>In case of other, please clarify project name and description, in English: S34GROWTH (Interreg Europe)</b></p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>a) Provide a clear overview of the final outcomes we want to reach and share the path toward these results with the participants since the beginning is extremely useful to engage stakeholders. Moreover, while engaging stakeholder it is really important to have all the type of organisation around the table to make sure different aspects are considered in the discussion.</p> <p>b) Policy makers needs to fill the existing gap between institutions and stakeholders, in particular referring to technological aspects that can allow them to better shape strategies and instruments according to stakeholders need. At the same time stakeholders have to exploit this opportunity actively participating to the meetings and workshops that will be organised to foster the definition of R&amp;I priorities in key areas (i.e. Artificial Intelligence, Automation and Robotics...)</p>
<p>Hyperlink to picture and video content of the PLL</p>	<p><a href="#">Alfresco Folder</a></p>
<p><b>Text summarizing the PLL (procedure, participants, discoveries...)</b></p>	



More than 40 participants attended the event which was specifically focussed on AI application in Machinery and Mechatronics sector, one of the most important manufacturing areas in Lombardy. Representatives of regional and EU institution were also present together with regional research centres and universities contributing to the discussion with their knowledge and competences.

This 1<sup>st</sup> PLL was conceived as the first step of a process that will involve a group of heterogeneous stakeholders in the definition of guidelines for policy makers of different levels and to foster the implementation of new projects at regional and interregional level. Accordingly, during the virtual session held on the 6<sup>th</sup> July an introduction was given to all the participant in the scope of the meeting and the process envisaged targeting specifically Artificial Intelligence applications and related future trends. The meeting was attended by diverse stakeholders, including policy makers, with the aim to make them more aware of technology potential of the region as well as to pave the way toward a more efficient programme, based on regional stakeholders suggestions and priorities.

The discussion and the interaction were guided by AFIL following a predefined framework structured to facilitate the identification of priorities and good practices in the domain of Artificial Intelligence based on specific applications. An on-line tool was selected to allow the collection of input, through post-it, during the virtual session.

### 2.6.2. PLL Feedback

EXTERNAL 1 <sup>ST</sup> PEER REVIEW TEMPLATE FOR WPT1 OUTPUTS	
<b>Partner Name</b>	AFIL
<b>Institution name</b>	Consorzio Intellimech
<b>Region</b>	Lombardy
<b>Type of organization</b>	SME
<b>CAMI 4.0 related topics</b>	Automation & Robotics
<b>Date</b>	27/07/2020
<b>Duration</b>	
<b>Name</b>	Valerio Pesenti
<b>Address</b>	-
<b>E-Mail</b>	Valerio.pesenti@intellimech.it
<b>Position</b>	Data scientist



**Introduction Text for Interviewer:**

*(It is recommended that a short project overview is given by the PP to the Interviewee, which includes insight into the plans the PP is working on to deliver value and innovation capacity building in your region)*

You are selected as external peer review individual from your regional CEUP 2030 project, due to your expertise, competence, experience and relevance to our quality monitoring programme.

Thank you very much for your time and support.

This interview is part of the impact controlling for the project; your answers will be summarized, so that no conclusion to individuals will be possible.

The objective of the interview is:

- to learn what impact you expect from CEUP 2030
- to receive a first opinion on how the current outputs, work can reach these goals.

There will be next opportunity to meet and exchange again information, presumably in Spring 2021

**Overall Objective of CEUP 2030**

The main objective is to set up stable innovation network with better understanding & improved knowledge, exchange of new technologies, relevant for Central Europe Advanced Manufacturing & Industry 4.0 (CAMI4.0), fostering the exploitation of available outputs/results that will lead to an upgraded policy-making & implementation.

**Specific Objective of CEUP2030:**

- S01\_Enhance skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context
- S02\_Ensure awareness and shared sustainable responsibility on using the Research, Technology and Innovation knowledge resources in CE/EU for enhancing policy decision support
- S03\_Anticipate and fast-track policy strategies focused on the CE/EU sustainable and continuous development, necessary to promote an aligned joint S3/RIS3 for CAMI4.0 excellence

**“Research Question in 1<sup>st</sup> peer review”:** focus on specific analysis & updates for second PLL “in practice” (D.T1.2.3), plus insight into early strategic vision for CAMI4.0 Excellence.

**WPT1 Objective:**

The overall objective of WPT1 links to the project’s specific objective of enhancing skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context.

The challenge manifests in two sub-objectives which are:

- (3) To train and empower people to work in the environment of new technologies (strategically and operatively) regarding policy-relevant decisions
- (4) To pool a critical mass of trained stakeholders to generate sufficient power for policy-making and appropriate selection, adaption and fine-tuning of already proven tools, instruments and methodologies.



WPT1 has two main outputs:

**OUTPUT1 - CEUP 2030 Policy Learning Lab**

This output describes the physical structure which will be created and deployed by each partner to train and empower policy-relevant stakeholders on the CAMI4.0 Topics, to generate sufficient knowledge exchange to support policy-making. This output has a number of parts which must be achieved for it to be considered “complete”. It consists of three major parts.

**OUTPUT 2: CEUP 2030 Strategy Upgrade & Boost**

This output describes the development of a Strategy & Action Plan which sets the vision and working plan for the Trend and Innovation Networks (“TIN”) for CAMI4.0.

Category & Question	Answer
<b>F. General</b>	
<ul style="list-style-type: none"> <li>– When hearing the objectives of CEUP 2030, generally, what opportunities do you expect this project to bring to your Organization? Your region? Central Europe?</li> </ul>	<p>The main opportunity consists in creation of a transnational network of expertise, enabling a virtuous ecosystem where stakeholders can share their knowledge and experience concerning innovation topics. The project must be able to create links at regional, national and European level in order to build a recognized network of competences.</p>
<ul style="list-style-type: none"> <li>– If you know Interreg Central Europe (<a href="https://www.interreg-central.eu/">https://www.interreg-central.eu/</a>): How relevant do you guess CEUP2030 for Interreg Central Europe is?</li> </ul>	<p>CEUP2030 is particularly relevant for Interreg CE since besides building consolidated networks of knowledge and competences, it includes strong collaboration with policy makers and institutions from different levels. This will be an effective effort to fill the still existing gap between stakeholders technology needs and policy of different levels.</p>
<p><b>G. Relevance &amp; Effectiveness</b> <i>(referring to the relevance of the project work to the objective and aim of the project, and effectiveness at building a sustainable transnational support structure with sustainable linkages &amp; enhancing regional innovation capacity)</i></p>	
<ul style="list-style-type: none"> <li>– How relevant and effective is the Policy Learning Lab (OT1.1.) in reaching the project’s wider aims &amp; objectives? What would you change?</li> </ul>	<p>PLL has been designed to involve different representatives of the triple helix and it is structured to foster the interaction among them. This will largely contribute to the elaboration of guidelines for policy makers targeted to fill the existing gaps.</p>
<ul style="list-style-type: none"> <li>– Could the content in PLL be quickly felt and understood? What would you change?</li> </ul>	<p>The introduction section helped participants in getting into PLL mood clearly understanding the objectives. A restricted number of participants would have helped in obtaining more precise indications and feedbacks.</p>
<p><b>H. Value- Creation</b> <i>(referring specifically to the project’s future activities using WPT1 outputs, to showcase how value can be created with transnational support structures - for instance: access to knowledge, personal networking, concrete cooperation)</i></p>	



**CEUP 2030**

<ul style="list-style-type: none"> <li>– How can the Policy Learning Lab (OT1.1.) create value for your region’s key stakeholders?</li> </ul>	<p>Sharing experience through presentations, brainstorming sessions and final discussion of challenges supported stakeholders in learning mutually from each other experience and has also offered a table where to share challenges they are experiencing in a specific context as well as priorities to be developed.</p>
<ul style="list-style-type: none"> <li>– How can the results of CEUP 2030 be utilized to create added value for your region’s key stakeholders?</li> </ul>	<p>The main opportunity consists in creation of a transnational network of expertise, enabling a virtuous ecosystem where stakeholders can share their knowledge and experience concerning innovation topics. Stakeholders can also benefit from exchanges with policy makers and authorities of different levels in an effort to bring their priorities at policy makers table.</p>
<ul style="list-style-type: none"> <li>– How can Strategy with action plan (OT.1.2) create added value for your region’s key stakeholders?</li> </ul>	<p>Free Text Response</p>
<p><b>I. Sustainability/Transferability</b> <i>(referring specifically to the ability of the work package outputs to be utilized for other RIS3 aims &amp; integrated into other initiatives to sustain and transfer results)</i></p>	
<ul style="list-style-type: none"> <li>– What are the strengths, weaknesses, and where do you see the opportunities and potential challenges in Industry 4.0 in your region and country?</li> </ul>	<p>Lombardy Regions and, Italy as well, have a strong network of technology providers and researchers with diverse competences able to support companies in the uptake and integration of Industry4.0 applications. However, the transition has just become and more effort need to be done to allow companies, SMEs, in particular to widely adopt I4.0 technologies</p>
<ul style="list-style-type: none"> <li>– How can the PLL results be used to support creation/upgrade of RIS3? Or Other Initiative(s)?</li> </ul>	<p>PLL should provide inputs to update RIS3 of different Regions building on the inputs received from the stakeholders.</p>
<ul style="list-style-type: none"> <li>– Where do you want to see your region, country, related to CAMI 4.0?</li> </ul>	<p>More coherence and harmonization of the ecosystem and alignment of policy with stakeholders needs.</p>
<p><b>J. Closing Remarks</b></p>	



**CEUP 2030**

<p>– What other comments or recommendations do you have about CEUP 2030 and its goals &amp; visions, which have not been mentioned/asked yet?</p>	<p><b>Free Text Response</b></p>
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**2.7. PLL PP7 SIIT:**  
*2.7.1. Description of the Event*

<b>PLL Reporting Template</b>	
Name of the PP	SIIT
PLL Type (first and second round of PLL, transnational PLL), Date and Location	First Round
Description of the PLL	<p>Industry 4.0 and Automation session presenting CEUP2030 to relevant stakeholders.</p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• CEUP 2030 presentation</li> <li>• how to foster collaboration between groups of SMEs</li> <li>• how to promote further actions at national and international level,</li> <li>• Discussion</li> <li>• Conclusion</li> </ul>
Methodologies applied in the PLL and description of the methodologies	<p>The meeting was organized in an interactive format, both in person and on-line.</p> <ol style="list-style-type: none"> <li>1) introduction of EC funding and Interreg project</li> <li>2) presentation of project</li> <li>3) presentation of the topic</li> <li>4) discussion about the relevancy of the CEUP2030 objectives</li> <li>5) explanation and filling of the questionnaires</li> </ol>
Which technologies and/or technology-related policies were discussed in the PLL?	<p> <input type="checkbox"/> <b>Big &amp; Real Data Processing &amp; Sensors</b>  <input checked="" type="checkbox"/> <b>Automation &amp; Robotics</b>  <input type="checkbox"/> <b>Smart &amp; New Materials</b>  <input type="checkbox"/> <b>Artificial Intelligence</b>  <input type="checkbox"/> <b>Other, Please Clarify Below</b> </p> <p><b>In case of other, please clarify topic name, in English: [Free Text Response]</b></p>



How many stakeholders participated in the PLL?	11
Which Triple Helix stakeholder group did the participants belong to? (add number of participants)	1 policy 2_ research 8 business
Key Outcomes of the PLL and description of the outcomes	<ul style="list-style-type: none"> <li>- Enhance existing realities starting from universities</li> <li>- Intensify university-business relations</li> <li>- Strengthening of competence centers highly specialized in Industry 4.0 themes</li> </ul>
Which EU project was introduced in the PLL?	Choose EU Project / <b>In case of other, please clarify project name and description, in English:</b> [Free Text Response]
Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?	<p>As project partner:</p> <ul style="list-style-type: none"> <li>- A blended approach on-line in person is difficult to handle, better stick to either one of them.</li> <li>- The length could be shorter</li> </ul> <p>Participants to PLL have to be updated frequently about the project developments in order for them to remain interested</p>
Hyperlink to picture and video content of the PLL	<a href="#">Alfresco</a>

**Text summarizing the PLL (procedure, participants, discoveries...)**

The event was held at SIIT with participants both in presence and on-line.

The PLL opened with an introduction on the research and innovation programs financed by the European Commission and how they represent an indispensable strategic driving force for promoting projects of great value for the territories and for the various industrial chains present in them; such projects very often could not be developed without adequate financial support. In particular, how INTERREG CENTRAL EUROPE is a transnational cooperation program



approved by the European Commission on December 16, 2014 under the European Territorial Cooperation objective. The results of the Program contribute to the achievement of the objectives of the Europe 2020 strategy.

The day proceeded with a CEUP 2030 presentation followed by two segments:

- how to foster collaboration between groups of SMEs organized in dynamic and competent networks on specific relevant issues
- how to promote further actions at national and international level, also through the Digital Innovation Hub in the CAMI 4.0 field

The second part of the morning was dedicated to a discussion about potential growth in the supply potential of individual SMEs and that of "networks", both for obtaining financing and for activating / increasing business opportunities.

The session was closed with the explanation and filling of the questionnaires.

### 2.7.2. PLL Feedback

#### 2.7.2.1. Feedback from the sparring partner

PLL Feedback	
Name of the PP	SIIT
Name of your sparring partner	IWU
How satisfied was your sparring partner with the PLL?	Very satisfied with the outcomes and the involvement. It was a 3 hours session, with use case presentations and big participation from the audience
What worked well for your sparring partner? Why?	Discussion was the most relevant part of the event and to have the session in person eased the exchange among participants. The correct fine tuning of the event enlarged the impact. Having a moderator was very useful
In which areas does your sparring partner see room for improvement and why?	The need to have more participation from policy makers was detected and the plan for next time to have shorter presentation from the audience, but keep a good amount of time for open discussion.



<p>What would be the recommendations resulting from the PLL that your sparring partner would give to the other PP in CEUP 2030?</p>	<p>Give room for discussion, creativity and moderate properly (having a dedicated person)</p>
<p>Which aspects of the PLL will (won't) your sparring partner use in future workshops?</p>	<p>Will use in future workshops...</p> <ul style="list-style-type: none"> <li>• Impulse contribution (have the audience prepare presentations)</li> </ul> <p>Won't use in future workshops...</p> <ul style="list-style-type: none"> <li>• too extensive presentations from the audience</li> </ul>
<p>What is the impact of the PLL according to your sparring partner?</p>	<p>Increased and strengthened the dialogue among the participants</p> <p>Mutual learning</p>
<p>Which lessons learned does your sparring partner take with him/her for the further parts of CEUP 2030?</p>	<p>Major attention to coordination and networking</p> <p>Focus on the dialogue</p> <p>Give access to ways, networks and platforms to connect</p> <p>Intensify and continue the communication with the involved stakeholders through all the duration of the project and beyond</p>



2.7.2.2. Feedback -Peer review

EXTERNAL 1 <sup>ST</sup> PEER REVIEW TEMPLATE FOR WPT1 OUTPUTS	
Partner Name	SIIT
Institution name	IROI
Region	Liguria (Italy)
Type of organization	SME
CAMI 4.0 related topics	Automation & Robotics
Date	25/09/2020
Duration	Over 1.5 Hours
Name	Davide Anghinolfi
Address	Sal Salvatore Viale 1 34B Genoa
E-Mail	<a href="mailto:Davide.anghinolfi@iroi.it">Davide.anghinolfi@iroi.it</a>
Position	CEO
<p align="center"><b>Introduction Text for Interviewer:</b>  <i>(It is recommended that a short project overview is given by the PP to the Interviewee, which includes insight into the plans the PP is working on to deliver value and innovation capacity building in your region)</i></p>	
<p>You are selected as external peer review individual from your regional CEUP 2030 project, due to your expertise, competence, experience and relevance to our quality monitoring programme.</p> <p>Thank you very much for your time and support.</p> <p>This interview is part of the impact controlling for the project; your answers will be summarized, so that no conclusion to individuals will be possible.</p> <p>The objective of the interview is:</p> <ul style="list-style-type: none"> <li>• to learn what impact you expect from CEUP 2030</li> <li>• to receive a first opinion on how the current outputs, work can reach these goals.</li> </ul> <p>There will be next opportunity to meet and exchange again information, presumably in Spring 2021</p>	
<p><b>Overall Objective of CEUP 2030</b></p> <p>The main objective is to set up stable innovation network with better understanding &amp; improved knowledge, exchange of new technologies, relevant for Central Europe Advanced Manufacturing &amp; Industry 4.0 (CAMI4.0), fostering the exploitation of available outputs/results that will lead to an upgraded policy-making &amp; implementation.</p>	



**CEUP 2030**

**Specific Objective of CEUP2030:**

- S01\_Enhance skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context
- S02\_Ensure awareness and shared sustainable responsibility on using the Research, Technology and Innovation knowledge resources in CE/EU for enhancing policy decision support
- S03\_Anticipate and fast-track policy strategies focused on the CE/EU sustainable and continuous development, necessary to promote an aligned joint S3/RIS3 for CAMI4.0 excellence

**“Research Question in 1<sup>st</sup> peer review”:** focus on specific analysis & updates for second PLL “in practice” (D.T1.2.3), plus insight into early strategic vision for CAMI4.0 Excellence.

**WPT1 Objective:**

The overall objective of WPT1 links to the project’s specific objective of enhancing skills, capabilities and knowledge of people in charge of local, regional and (trans)national Research, Technology and Innovation policies within the triple-helix context.

The challenge manifests in two sub-objectives which are:

- (5) To train and empower people to work in the environment of new technologies (strategically and operatively) regarding policy-relevant decisions
- (6) To pool a critical mass of trained stakeholders to generate sufficient power for policy-making and appropriate selection, adaption and fine-tuning of already proven tools, instruments and methodologies.

WPT1 has two main outputs:

**OUTPUT1 - CEUP 2030 Policy Learning Lab**

This output describes the physical structure which will be created and deployed by each partner to train and empower policy-relevant stakeholders on the CAMI4.0 Topics, to generate sufficient knowledge exchange to support policy-making. This output has a number of parts which must be achieved for it to be considered “complete”. It consists of three major parts.

**OUTPUT 2: CEUP 2030 Strategy Upgrade & Boost**

This output describes the development of a Strategy & Action Plan which sets the vision and working plan for the Trend and Innovation Networks (“TIN”) for CAMI4.0.

Category & Question	Answer
<b>K. General</b>	
<p>– When hearing the objectives of CEUP 2030, generally, what opportunities do you expect this project to bring to your Organization? Your region? Central Europe?</p>	<p>I’ve heard about CEUP2030 project and objectives since the proposal phase, as I tightly cooperate with SIIT. I believe that the envisaged objectives the project is going to face (especially during these trying times) are ambitious but relevant. The innovative technological orientation, can foster the improvement of competitiveness of Europe’s manufacturing sector, in particular SMEs</p>



<ul style="list-style-type: none"> <li>- If you know Interreg Central Europe (<a href="https://www.interreg-central.eu/">https://www.interreg-central.eu/</a>): How relevant do you guess CEUP2030 for Interreg Central Europe is?</li> </ul>	<p>CEUP2030 is the first Interreg Central Europe project I've been aware of. Knowing the relevancy of the partners and the ambition of the objectives, if the project consortium will work hard to reach what has promised, its impact will be highly relevant in the European scientific and industrial community</p>
<p><b>L. Relevance &amp; Effectiveness</b> <i>(referring to the relevance of the project work to the objective and aim of the project, and effectiveness at building a sustainable transnational support structure with sustainable linkages &amp; enhancing regional innovation capacity)</i></p>	
<ul style="list-style-type: none"> <li>- How relevant and effective is the Policy Learning Lab (OT1.1.) in reaching the project's wider aims &amp; objectives? What would you change?</li> </ul>	<p>Being the first event organized in this context, and having to keep in consideration the difficulties in organizing the PLL due to the COVID 19 emergency, it was quite useful and informative. For the next time it would be nice to have a bigger involvement from policy makers.</p>
<ul style="list-style-type: none"> <li>- Could the content in PLL be quickly felt and understood? What would you change?</li> </ul>	<p>The contents were satisfactory.</p>
<p><b>M. Value- Creation</b> <i>(referring specifically to the project's future activities using WPT1 outputs, to showcase how value can be created with transnational support structures - for instance: access to knowledge, personal networking, concrete cooperation)</i></p>	
<ul style="list-style-type: none"> <li>- How can the Policy Learning Lab (OT1.1.) create value for your region's key stakeholders?</li> </ul>	<p>The PLL could be a key instrument in enlarging and strengthening connections among different stakeholders with different backgrounds, easing the possibility of sharing various types of know-how.</p>
<ul style="list-style-type: none"> <li>- How can the results of CEUP 2030 be utilized to create added value for your region's key stakeholders?</li> </ul>	<p>The PLLs are a way to train and transmit new technologies to people and making them part of policy discussions that lead to relevant decisions. The contacts among SMEs, industry, research and policy is crucially relevant to improve the competitiveness of Italian industrial offer.</p>
<ul style="list-style-type: none"> <li>- How can Strategy with action plan (OT.1.2) create added value for your region's key stakeholders?</li> </ul>	<p>If the outputs of the PLL will result in a comprehensive and exhaustive report the lessons learnt will be beneficiary for the region in two ways: 1 it will be a starting point towards innovation 2the possibility of confronting the outputs from different regions.</p>
<p><b>N. Sustainability/Transferability</b> <i>(referring specifically to the ability of the work package outputs to be utilized for other RIS3 aims &amp; integrated into other initiatives to sustain and transfer results)</i></p>	



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<ul style="list-style-type: none"> <li>- What are the strengths, weaknesses, and where do you see the opportunities and potential challenges in Industry 4.0 in your region and country?</li> </ul>	<p><b>Liguria has a clear prevalence of small businesses: it can be difficult to address the technological challenges because small firms must follow the market of the big ones. The updates of the smart specialization strategy could be too slow with respect to the evolutions of this field</b></p>
<ul style="list-style-type: none"> <li>- How can the PLL results be used to support creation/upgrade of RIS3? Or Other Initiative(s)?</li> </ul>	<p><b>Liguria Region, through the definition of its Smart Specialization Strategy, identifies the specialization areas with the greatest potential for innovation and development on which to concentrate investments. I believe these area should be reflected during the RIS3</b></p>
<ul style="list-style-type: none"> <li>- Where do you want to see your region, country, related to CAMI 4.0?</li> </ul>	<p><b>For Italy, and more specifically for Liguria Region, I think it would be important encouraging private investment in Research and Development for product and process innovation to ensure the competitiveness of enterprises in the future.</b></p>
<p><b>O. Closing Remarks</b></p>	
<ul style="list-style-type: none"> <li>- What other comments or recommendations do you have about CEUP 2030 and its goals &amp; visions, which have not been mentioned/asked yet?</li> </ul>	<p><b>It would be interesting to have the outputs from the PLL rounds in other countries.</b></p>



## 2.8. PLL PP8 PTP:

### 2.8.1. Description of the Event

PLL Reporting Template	
Name of the PP	PTP
PLL Type (first and second round of PLL, transnational PLL), Date and Location	1 <sup>st</sup> PLL, 7. August and 12 <sup>th</sup> August 2020
Description of the PLL	Workshop with presentations and (open) debate took place in Martjanci and Murska Sobota, where representatives of MGRT, Development Agency Sinergija, Local Energy Agency for Pomurje, LRF Pomurje, were physically present while Ms. Hočvar of SVRK (due to house policy regarding covid-19 situation joined us remotely via video/audio connection (Zoom). Due to coordination problems we conducted 2 workshops.
Methodologies applied in the PLL and description of the methodologies	<ol style="list-style-type: none"> <li>1) Round table</li> <li>2) Debate</li> <li>3) Presentation</li> </ol> <p>We presented facts, activities, vision and some results of PTP, followed by more CAMI 4.0 topics use-cases presented by Mr. Zrim and finally more about the project by Mr. Špilak. There were also presentations on status quo of Slovene OP and S3/4 documentation planning, possibilities for further inputs and realistic chances to add experiences from workshops and other PLL events to serve as valuable “latest” contribution from the field (bottom-up information on industrial needs in 4 CAMI topics. We also explained about the different level of decision making in other countries and thus transnational/bilateral opportunities for more programmed and structured efforts to foster digital transition of industry.</p>



<p>Which technologies and/or technology-related policies were discussed in the PLL?</p>	<p><input checked="" type="checkbox"/> <b>Big &amp; Real Data Processing &amp; Sensors</b></p> <p><input checked="" type="checkbox"/> <b>Automation &amp; Robotics</b></p> <p><input checked="" type="checkbox"/> <b>Smart &amp; New Materials</b></p> <p><input checked="" type="checkbox"/> <b>Artificial Intelligence</b></p> <p><input type="checkbox"/> <b>Other, Please Clarify Below</b></p> <p><b>In case of other, please clarify topic name, in English: [Free Text Response]</b></p>
<p>How many stakeholders participated in the PLL?</p>	<p>9</p>
<p>Which Triple Helix stakeholder group did the participants belong to? (add number of participants)</p>	<p>4 policy</p> <p>5 research</p> <p>0 business</p>
<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>1) exchange of information and participation of all parties to events and joint consideration towards CAMI 4.0 actions</p> <p>2) established and confirmed good relation</p> <p>3)</p> <p>...</p>
<p>Which EU project was introduced in the PLL?</p>	<p>DIH2 (H2020)</p> <p><b>In case of other, please clarify project name and description, in English: [Free Text Response]</b></p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>We agreed on exchange of information and participation of both parties to events and joint consideration towards CAMI 4.0 actions, either on policy or project partnership level. Both ministries are informed and ready about further project activities (February 2021 2<sup>nd</sup> PLL workshop) and later in (presumably) Fall of 2021 a transnational event - we are considering possible cross-fertilization opportunity with some event of either Ministry, where we</p>



	<p>could reach also other, higher level of politician</p> <p>Due to the Covid19 virus, it is necessary to consider the combined possibility of conducting a workshop. Unfortunately, we received more information from the participants present.</p>
<p>Hyperlink to picture and video content of the PLL</p>	<p><a href="http://p-tech.si/policy-learning-lab-za-kvaliteten-prenos-novih-znanj-oblikovalcev-politik/">http://p-tech.si/policy-learning-lab-za-kvaliteten-prenos-novih-znanj-oblikovalcev-politik/</a></p>
<p><b>Text summarizing the PLL (procedure, participants, discoveries...)</b></p>	
<p>The workshop was in open atmosphere, questions occurred during presentations were immediately debated/answered, the implementation took a bit more than planned 3 hours, but at the end we agreed on mutual satisfaction with reached. The conclusion is that direct contact, especially on the initial phase - when building the commitment and trust is very important.</p>	

### 2.8.2. PLL Feedback

#### Summary

After PTP participation on DIH Slovenia event, where we established contacts with 2 ministry representatives less than a month ago, we already organized a PLL workshop with competent people (secretary and under-secretary level) at both Ministries (MGRT= Ministry of Economic development and Technology and same level as Ministry but called Government Office for Development and European Cohesion Policy.

Both are involved aside of Ministry of Public Administration to for Operational program and Smart Specialization Strategy documents for 2012-2027, therefore most appropriate partner for CEUP2030 activities.

Workshop with presentations and (open) debate took place in Murska Sobota, where representatives of MGRT were physically present while Ms. Hočevar of SVRK (due to house policy regarding covid-19 situation joined us remotely via video/audio connection (Zoom).

Firstly, Mr. Močnik (director of PTP) presented facts, activities, vision and some results of PTP, followed by more CAMI 4.0 topics use-cases presented by Mr. Zrim and finally more about the project by Mr. Špilak. There were also presentations on status quo of Slovene OP and S3/4 documentation planning, possibilities for further inputs and realistic chances to add experiences from workshops and other PLL events to serve as valuable “latest” contribution from the field (bottom-up information on industrial needs in 4 CAMI topics). Mr. Močnik also explained about the different level of decision making in other countries and thus transnational/bilateral opportunities for more programmed and structured efforts to foster digital transition of industry. Also Ms. Marovt (MGRT) and Ms. Hočevar (SVRK) both



presented latest activities on their ministries and experience with past ecosystem measures of support. The workshop was in open atmosphere, questions occurred during presentations were immediately debated/answered, the implementation took a bit more than planned 3 hours, but at the end we agreed on mutual satisfaction with reached.

#### Conclusions:

PTP established (MGRT) and confirmed (SVRK) good relation to competent people at both ministries. We agreed on exchange of information and participation of both parties to events and joint consideration towards CAMI 4.0 actions, either on policy or project partnership level. Participants filled in templates that serve us in CEUP2030 as information needed in various deliverables, but most of all as inputs to partnership on concrete policy level thinking and readiness to cooperate at further road-mapping of CAMI 4.0 ecosystem in 2021-2027. Both ministries are informed and ready about further project activities (February 2021 2nd PLL workshop) and later in (presumably) Fall of 2021 a transnational event - we are considering possible cross-fertilization opportunity with some event of either Ministry, where we could reach also other, higher level of politician.



2.9. PLL PP9 PBN:  
2.9.1. Description of the Event



PLL Reporting Template	
Name of the PP	PBN
PLL Type (first and second round of PLL, transnational PLL), Date and Location	First round of PLL, 9 <sup>th</sup> July 2020
Description of the PLL	High level political representatives were invited to make them familiar with the concept of digital innovation hub, the role of digitization in the next budgeting period, and the potential relevance to our local ecosystem.
Methodologies applied in the PLL and description of the methodologies	The meeting was organized in an interactive workshop format 1) introduction of Interreg projects 2) presentation of the digitization and DIH concept 3) individual feedback about the understanding and potential commitment 4) definition of the related areas 5) next steps defined
Which technologies and/or technology-related policies were discussed in the PLL?	<input type="checkbox"/> Big & Real Data Processing & Sensors <input checked="" type="checkbox"/> Automation & Robotics <input type="checkbox"/> Smart & New Materials <input checked="" type="checkbox"/> Artificial Intelligence <input type="checkbox"/> Other, Please Clarify Below  In case of other, please clarify topic name, in English: [Free Text Response]
How many stakeholders participated in the PLL?	10
Which Triple Helix stakeholder group did the participants belong to? (add number of participants)	_4_ policy _2_ research _4_ business



<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>The following outcomes are defined</p> <ol style="list-style-type: none"> <li>1) Policy makers are aware of the role of digitization</li> <li>2) Policy makers have an understanding of the digitization funding schemes of the EU</li> <li>3) Policy makers are dedicated to support European Digital Innovation Hub, to be developed jointly</li> </ol>
<p>Which EU project was introduced in the PLL?</p>	<p>S3HUBSINCE INTEREG CE)</p> <p>In case of other, please clarify project name and description, in English: [Free Text Response]</p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>Lessons learnt for PBN</p> <ol style="list-style-type: none"> <li>a) policy makers have a different approach, they look through communication possibilities, threats for average voters, way of 'packaging' the messages to be understandable for average citizens.</li> </ol> <p>Lessons learnt for stakeholders</p> <ol style="list-style-type: none"> <li>b) digitalization is the central essence of the funding period ahead of us. Interpretation, proper preparation and utilization of the trend is vital for them.</li> </ol>
<p>Hyperlink to picture and video content of the PLL</p>	<p>Due to GDPR-related reasons, it wasn't allowed to take pictures on the event</p>
<p><b>Text summarizing the PLL (procedure, participants, discoveries...)</b></p>	
<p>The objective of the first PLL was to increase awareness of digitization and digital innovation hub among triple-helix stakeholders, mainly high level regional policy makers. The city management - mayor, councillors - and county representative - vice president of the county - were participating. Presentation was held, to explain, how Europe is approaching the next funding period, what role digitization will have, what are the most crucial instruments and how our region can benefit from it.</p> <p>Following the presentation - and even during it - discussions were about the relevance of the topic, how companies approach it, what ways of communications should be implemented towards the citizens.</p>	



As a next step, participants were brainstorming about the application of digitization, how the rural areas could get connected to it, and how to explain to the broader ecosystem about the jobs versus automation challenges.

### Agenda of the event

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## 2.10. PLL PP10 Hamag:

### 2.10.1. Description of the Event

PLL Reporting Template	
Name of the PP	HAMAG
PLL Type (first and second round of PLL, transnational PLL), Date and Location	First round of PLL GoToMeeting platform, 29 October 2020
Description of the PLL	The first policy learning lab conducted by HAMAG-BICRO was organized online via GoTo Meeting Platform with the total attendance of 18 people, counting internal HAMAG participants.  The first event brought together stakeholders from triple helix and make them familiar with the different topics but all related to CAMI 4.0
Methodologies applied in the PLL and description of the methodologies	The event was organized in an interactive format  <ol style="list-style-type: none"> <li>1) Presentation of CEUP2030 project</li> <li>2) Best Practice examples - Interreg projects</li> <li>3) Interactive Brainstorming</li> <li>4) Open discussion</li> </ol>
Which technologies and/or technology-related policies were discussed in the PLL?	<input checked="" type="checkbox"/> <b>Big &amp; Real Data Processing &amp; Sensors</b> <input type="checkbox"/> <b>Automation &amp; Robotics</b> <input type="checkbox"/> <b>Smart &amp; New Materials</b> <input checked="" type="checkbox"/> <b>Artificial Intelligence</b> <input type="checkbox"/> <b>Other, Please Clarify Below</b>  <b>In case of other, please clarify topic name, in English: [Free Text Response]</b>
How many stakeholders participated in the PLL?	13
Which Triple Helix stakeholder group did the participants belong to? (add number of participants)	7 policy 4 research 2 business



<p>Key Outcomes of the PLL and description of the outcomes</p>	<p>The following outcomes are defined</p> <ol style="list-style-type: none"> <li>1) The CEUP 2030 project was introduced, and policymakers are aware of the opportunity for partnerships between innovation actors</li> <li>2) The PLL acted as a soft launch, and the first gathering of relevant stakeholders, and that was a good starting point to meet and establish communication</li> </ol>
<p>Which EU project was introduced in the PLL?</p>	<p>SYNERGY (INTERREG CE)</p> <p><b>In case of other, please clarify project name and description, in English: Boost4BSO</b></p> <p>Boost4 BSO addresses the Call topic “Industry 4.0/Adv. Manufacturing”, aiming at improving knowledge build-up and sustainable knowledge transfer linkages among CE BSOs.</p> <p><b>THINGS+</b></p> <p>THINGS+ project aims to enrich portfolio of companies with additional services that can increase value delivered to customers and improve their position on the market, by strengthening entrepreneurs’ skills in service innovation management.</p>
<p>Which lessons learned do you have as a project partner (a) and which lessons learned emerged for participants (b)?</p>	<p>LESSONS LEARNT as PP</p> <ol style="list-style-type: none"> <li>a) Only with mutual endeavours of all the relevant innovation actors, we can move further and eventually achieved better understanding and take the path that will lead us towards a better future</li> </ol> <p>LESSONS LEARNT participants</p> <ol style="list-style-type: none"> <li>a) It is important to define long-term technological goals</li> </ol>
<p>Hyperlink to picture and video content of the PLL</p>	<p>Photos are uploaded on Alfresco</p> <p><a href="https://hamagbicro.hr/odrzana-prva-on-line-policy-learning-lab-radionica-u-okviru-projekta-ceup-2030/">https://hamagbicro.hr/odrzana-prva-on-line-policy-learning-lab-radionica-u-okviru-projekta-ceup-2030/</a></p>

**Text summarizing the PLL (procedure, participants, discoveries...)**



Originally it was planned to hold the event in person, but due to the situation with COVID 19 the event is held online.

The event aimed at empowering the whole community involved in innovation activities and policies, so that our entrepreneurs will have concrete benefits at a later stage and know how to apply the newly acquired knowledge.

The PLL started with the presentation "What is the future of the future", from which participants gained an insight into future technologies from the perspective of person who has worked for high-tech companies

Later, the CEUP 2030 project was presented together with good practices from projects carried out under the Interreg Central Europe program (SYNERGY, THINGS +, Boost4BSO).

The second part of the event started with the presentation of the EIT Manufacturing, followed by the presentations of the current implementation of Smart Specialization Strategy and the draft of National Development Strategy.

The last part of the event was left for discussion that was very fruitful and has brought us to conclusions:

- For progress, it is crucial to have long-term technological goals and to plan with constant measurement and monitoring. It is important to connect, i.e. to open up to world markets, which leads to the exchange and development of services and products.
- Industry 4.0 needs expertise and flexibility. It is therefore necessary to support the development of professional skills among the users of policies and programs (in industry and scientific research), but also among all public authorities that define and implement innovation support strategies.
- The new framework set by Europe requires that at least 25% of cohesion policy resources must be invested in the priority area "Intelligent Europe". We want to move closer to the European Union average of 0.94% of investment in R&D at present, i.e. closer to 3% by 2030, and the role of industry 4.0 and investment in people's skills is a key challenge that we must address

**2.10.2. PLL Feedback**

<b>PLL Feedback</b>	
Name of the PP	HAMAG
Name of your sparring partner	KPT
How satisfied was your sparring partner with the PLL?	The workshop was organized in personal, in the premises of KPT. Participants included representatives from universities, policy makers, SMEs and large companies from all four CAMI 4.0 topics. Our sparring partner was satisfied with the first PLL, but not completely.



	<p>The representatives for the topic Smart Materials did not appear and that was a slight problem because this topic is not popular yet in Poland</p> <p>Many interesting thoughts were shared among the participants.</p> <p>Current status of Regional Innovation Strategy was discussed.</p>
<p>What worked well for your sparring partner? Why?</p>	<p>The workshop was organized in person and stakeholders took part, even though there was a pandemic time.</p> <p>During the workshop many experiences were exchanged and a basis for future work was created.</p>
<p>In which areas does your sparring partner see room for improvement and why?</p>	<p>Better involvement of stakeholders representing smart materials.</p> <p>Reducing the representation of researchers and increasing the representation of companies. Balance of groups</p>
<p>What would be the recommendations resulting from the PLL that your sparring partner would give to the other PP in CEUP 2030?</p>	<p>Use of different tools to make them more interactive and to better involve the participants, e.g. Design Thinking Methodology, Canvas, Miro...</p> <p>Making people feel that they are doing something is important for inclusion</p>
<p>Which aspects of the PLL will (won't) your sparring partner use in future workshops?</p>	<p>Will use in future workshops...</p> <ul style="list-style-type: none"> <li>• Interactive tools like Canvas and Miro</li> <li>• Appropriate moderation in the achievement of objectives</li> </ul> <p>Won't use in future workshops...</p> <ul style="list-style-type: none"> <li>• Limiting the influence of the researchers in the workshops, balance groups</li> </ul>
<p>What is the impact of the PLL according to your sparring partner?</p>	<p>The impact has been strong, some very interesting stakeholders have been identified and involved and the basis for the establishment of TINs has been laid.</p> <p>Some recommendations for the Regional Innovation Strategy were provided</p> <p>Intellectual work with people</p>



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<p>Which lessons learned does your sparring partner take with him/her for the further parts of CEUP 2030?</p>	<p>Strengthening the involvement of stakeholders gave them the feeling that their voice was being taken into account.</p>
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### 3. Conclusions & Next Steps

The purpose of this document has been to provide an overview and a Description about of the 10 regional/national PLLs. AT least 10 WS have to be hosted (one per each partner) with a least 10 stakeholders involved.

The aim of the Policy Learning Lab (Part 1, WPT1) is to familiarise decision-makers with new technologies and methodologies in order to optimise basic understanding and inputs for current and future decisions.

The CEUP2030 Policy Learning Lab were successfully established by 10 trainings to train and empower people to work on policies and strategies for the Central Europe Advanced Manufacturing Industry 4.0 (CAMI4.0) technologies. The Policy Learning Lab fosters and anchors a policy training scheme where comprehensive learning processes are designed to be felt and understood, quickly. Complex systems and technologies are made clear and understandable to target groups. The gained 100 stakeholders set the base for strong CEEU policy making in WPT2 and WPT3.

Targets:

Target	Number in the Application	Quantification Target proposed	Quantification Target reached	Fulfilled
1	Number of held PPLs	10	10	YES
2	Number of participants	100	165	YES

**Methodology:** The proposed Methodes described in D.T1.2.1 - A guidance document for A.T1.2 on the development and implementation of Policy Learning Labs for CAMI 4.0 under Point 4.1.2. Methodology were more or less used and the Deliverable was useful for the Workshops. Also the feedback loops were an important and helpul part of the workshops. **Feedback loops were an important part of the PLL.** PP need to complete a detailed interview scheme with identified sparring partners, to ensure the methodology structures are useful. This 360-degree feedback should be used to improve the deployment techniques and technology use-cases which are delivered.

Together with the external Peer reviews the consortium was able to create a inside and outside picture of the PPLs.

#### Summery of the feedback and the Peer reviews, Main outcoms:

**How satisfied were you with the PLL and why?:** Most participants were satisfied with the PLLs because the workshops were well prepared: The time budget of the participants was not taken up unduly (duration of the workshops up to max. 2 -2.5h). It was made clear in advance what the workshops were about, what was expected of the participants and there was an opportunity to prepare. A positive aspect was that the workshops were not too technical and that the workshop participants from the Trippel Helix group felt involved.



**What worked well? Why:** Invitation, handling and feedback to the participants worked well. We also recommend the peer review and the sparring partner rounds to share experiences.

**In which areas do you see room for improvement and why?:** Since the workshops took place virtually, there were connection problems from time to time due to the new situation and the large number of tools (Zoom, Got To Meeting, MS Teams ...) took some getting used to for some participants. Many expressed the wish to hold physical meetings. However, these are factors that are difficult for the consortium to influence (except for the choice of tools). The consortium needs to be clear,

- Which workshops can be held virtually (advantages, disadvantages)
- Which workshops should be designed as face-to-face meetings (advantages, disadvantages)
- Which results can be achieved better and more easily with which type of workshop?
- It could be better to meet in person, direct discussions, networking part are missing in the online meetings. Could be good to use some tools to involve everyone in the work. Shorten the time (4 hours is too much for online meetings)
- Working more on the topics would be good (now: focus on organization + CEUP)
- Number of participants should be limited to facilitate the exchange (46 Participants in one WS), in particular in case of virtual events.
- Some companies did feel comfortable in sharing their point of view. They thought it could be useful to send out an invitation complemented with preparation materials to anticipate them the inputs and contribution they will be required to share with the participants.
- The need to have more participation from policy makers was detected and the plan for next time to have shorter presentation from the audience, but keep a good amount of time for open discussion
- Better involvement of stakeholders representing smart materials
- Reducing the representation of researchers and increasing the representation of companies. Balance of groups

#### **Impact of the PLL?s:**

- Mutual understanding of the topics, good start of the discussion. Good feedback from most of the policy makers and participants so it seems that was meaningful for them.
- Valuable information was created through opinion exchange
- Putting the basis for a discussion on AI in various sectors, with the aim to further explore already existing solutions and applications, define R&I priorities and highlight existing challenges in technologies uptake and integration
- Increased and strengthened the dialogue among the participants
- Mutual learning
- The impact has been strong, some very interesting stakeholders have been identified and involved and the basis for the establishment of TINs has been laid.
- Some recommendations for the Regional Innovation Strategy were provided
- Intellectual work with people

**As Follow up** two additional policy learning labs are planned:

- **Second round of PLL (regional):** The second round of PLL should build on the first round, create a dialogue on regional or national policy support (RIS3 alignment) and discuss the dissemination of technology good practices.



- **Second round of PLL (transnational):** The transnational PLL are part of the second round and should create a dialogue on transnational policy support across Central Europe. It should focus on the benefits of international collaboration and include a discussion on the dissemination of technology good practices as well.

**Which aspects of the PLL should not be used in this future workshops?:**

USE	Won't use
<ul style="list-style-type: none"> <li>• Similar agenda (presentations + open discussion)</li> <li>• Proper, strict moderation</li> <li>• Roundtables/break out rooms</li> <li>• Structure of PLL</li> <li>• Topics of PLL</li> <li>• Location: own region is more casual</li> <li>• Collaborative space (MURAL)</li> <li>• Preparation material to send out with invitation</li> <li>• Impulse contribution (have the audience prepare presentations)</li> <li>• Interactive tools like Canvas and Miro</li> <li>• Appropriate moderation in the achievement of objectives</li> </ul>	<ul style="list-style-type: none"> <li>• Shorten time</li> <li>• no radical changes, but depends on the situation</li> <li>• free access</li> <li>• too extensive presentations from the audience</li> <li>• Limiting the influence of the researchers in the workshops, balance groups</li> </ul>



## 4. Abbreviations

Abbreviation	Explanation
AF	Application Form
ASP	Associated Partner (i.e. Strategic Partner)
CAMI4.0	Central European Advance Manufacturing and Industry 4.0
PI	Policy Instrument
PLL	Policy Learning Lab
PP	Project Partner
RIS3	Regional Innovation Strategy for Smart Specialisation
S3	Smart Specialisation Strategy
SBU	Strategy Boost & Upgrade
TGP	Technology Good Practice
TIN	Trend & Innovation Networks



## 5. Annex

### 5.1. PLL PP1 KPT:



#### Spotkanie warsztatowo-konsultacyjne

##### POLICY LEARNING LAB #1

Data: 16.09.2020r.

Miejsce: Krakowski Park Technologiczny ul. Podole 60, 30-394 Kraków  
Parter, Sala Enterprise

#### Agenda spotkania

- |               |   |
|---------------|---|
| 9.00 - 9.10   | <b>Powitanie uczestników</b><br>Wojciech Przybylski, Prezes Krakowskiego Parku Technologicznego   |
| 9.10 - 9.25   | <b>Inteligentne specjalizacje regionu. Podsumowanie RSI 2020, stan obecny i plany na przyszłość</b><br>Agnieszka Bachórz, Kierownik Zespołu ds. Zarządzania Inteligentnymi Specjalizacjami<br>Urząd Marszałkowski Województwa Małopolskiego<br>Dariusz Szklarczyk, ekspert zewnętrzny                         |
| 9.25 - 9.40   | <b>Skuteczne wsparcie innowacji – perspektywa instytucji otoczenia biznesu</b><br>Wojciech Przybylski, Prezes Krakowskiego Parku Technologicznego   |
| 9.40 - 9.50   | <b>Projekt CEUP 2030. Założenia i planowane działania</b><br>Aleksandra Gabriel, Koordynator projektu CEUP 2030   |
| 9.50 - 11.00  | <b>Zdefiniowanie kompetencji technologicznych dla Małopolski.</b><br>Praca warsztatowa w 4 grupach technologicznych cz. I <ul style="list-style-type: none"><li>▪ Inteligentne systemy produkcyjne</li><li>▪ Automatyka i robotyka</li><li>▪ Inteligentne materiały</li><li>▪ Sztuczna inteligencja</li></ul> |
| 11:00 - 11:15 | Przerwa kawowa  |
| 11:15 - 12:30 | Praca warsztatowa w 4 grupach technologicznych cz. II   |
| 12:30 - 13:00 | Prezentacje pracy grupowej<br>Podsumowanie i zakończenie  |
| 13.15 – 14.00 | Lunch i networking  |

**Figure 2: Agenda of KPTs WS**



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No.	Name and Surname	Institution	E-mail	Signature
1.	Bachórz Agnieszka	UMWM	agnieszka.bachorz@umwm.lodz.pl	
2.	Baranowski Jerzy	Akademia Górniczo-Hutnicza		
3.	Bartosik Radosław Kajetan	New Era Materials		
4.	Bulka Jarosław	Urząd Miasta Krakowa		
5.	Chmiel Wojciech	Akademia Górniczo-Hutnicza		
6.	Czekaj Edward	Instytut Łukasiewicza		
7.	Drewnowski Łukasz	ROMS		
8.	Dudek Piotr	Instytut Łukasiewicza		
9.	Górny Bartłomiej	Comarch	bartlomiej.gorny@comarch.com	
10.	Grudzień Małgorzata	Instytut Łukasiewicza		

Please be aware, that event participation without signing the attendance list is unfortunately not possible. Personal data stated in the list of participants above will be processed for the purpose of the Project CEUP 2030, financed by the Interreg CENTRAL EUROPE Programme, in accordance with the General Data Protection Regulation (EU 2016/679). Personal data will not be profiled, segmented and transferred to third countries. Please note that you will be attending an event where photographs and/or audio-visual footage may be taken. By attending this event, you freely provide your agreement that you accept to be photographed, filmed or recorded. You also agree that the above-mentioned photos and video or sound recordings may be used, reproduced, distributed and communicated to the public for any other purposes by the CEUP 2030 project within the Interreg CENTRAL EUROPE Programme on websites or other information tools, such as social media or electronic or printed publications.

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**Interreg CENTRAL EUROPE CEUP 2030**

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Please be aware, that event participation without signing the attendance list is unfortunately not possible. Personal data stated in the list of participants above will be processed for the purpose of the Project CEUP 2030, financed by the Interreg CENTRAL EUROPE Programme, in accordance with the General Data Protection Regulation (EU 2016/679). Personal data will not be profiled, segmented and transferred to third countries. Please note that you will be attending an event where photographs and/or audio-visual footage may be taken. By attending this event, you freely provide your agreement that you accept to be photographed, filmed or recorded. You also agree that the above-mentioned photos and video or sound recordings may be used, reproduced, distributed and communicated to the public for any other purposes by the CEUP 2030 project within the Interreg CENTRAL EUROPE Programme on websites or other information tools, such as social media or electronic or printed publications.

Page 3



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31.				

Please be aware, that event participation without signing the attendance list is unfortunately not possible. Personal data stated in the list of participants above will be processed for the purpose of the Project CEUP 2030, financed by the Interreg CENTRAL EUROPE Programme, in accordance with the General Data Protection Regulation (EU 2016/679). Personal data will not be profiled, segmented and transferred to third countries. Please note that you will be attending an event where photographs and/or audio-visual footage may be taken. By attending this event, you freely provide your agreement that you accept to be photographed, filmed or recorded. You also agree that the above-mentioned photos and video or sound recordings may be used, reproduced, distributed and communicated to the public for any other purposes by the CEUP 2030 project within the Interreg CENTRAL EUROPE Programme on websites or other information tools, such as social media or electronic or printed publications.

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**Figure 3: Participants List**





**Figure 4: Fotos and screenshots**



## 5.2. PLL PP2 PRO:

### AGENDA

- **Einleitung (CEUP in one page)**
- **Vorstellungsrunde**
- **Projektvorstellung CEUP 2030**
- **PROFACTOR: How it works as Best Practice Example**
- **Workshop**
- **Anschließend: „Robotic“-Workshop, Diskussion**



TAKING COOPERATION FORWARD

2

**Figure 5: Agenda of PROs WS**



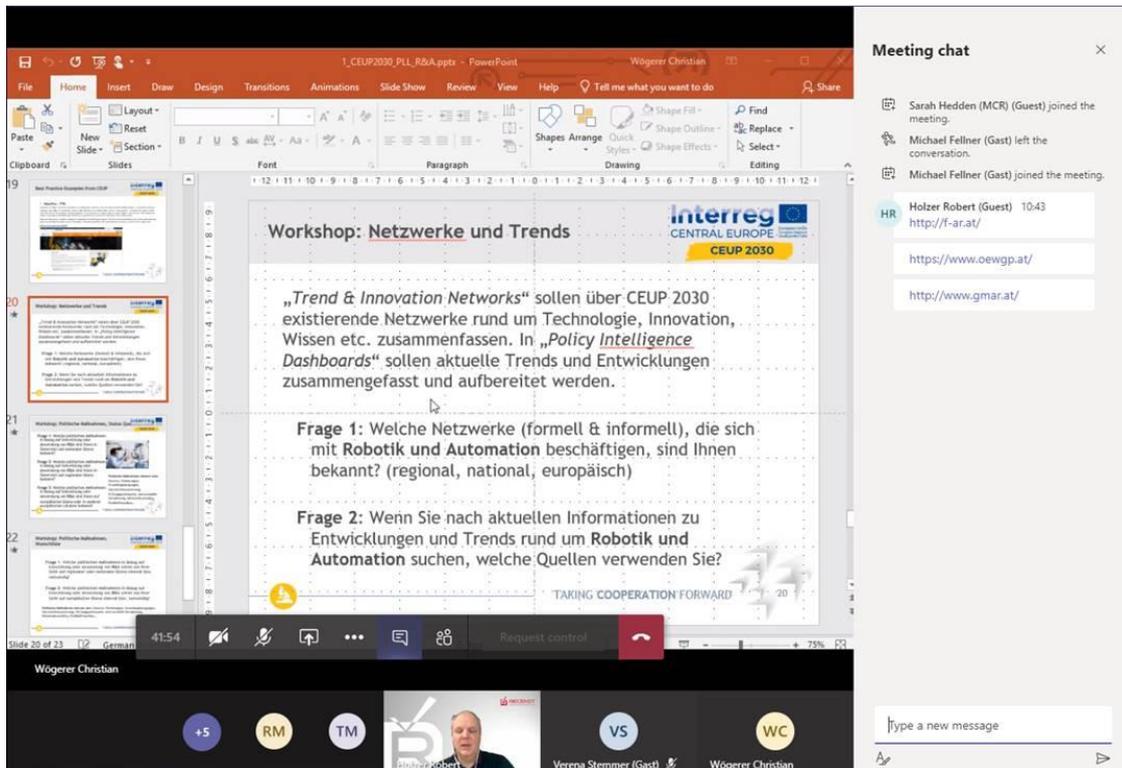
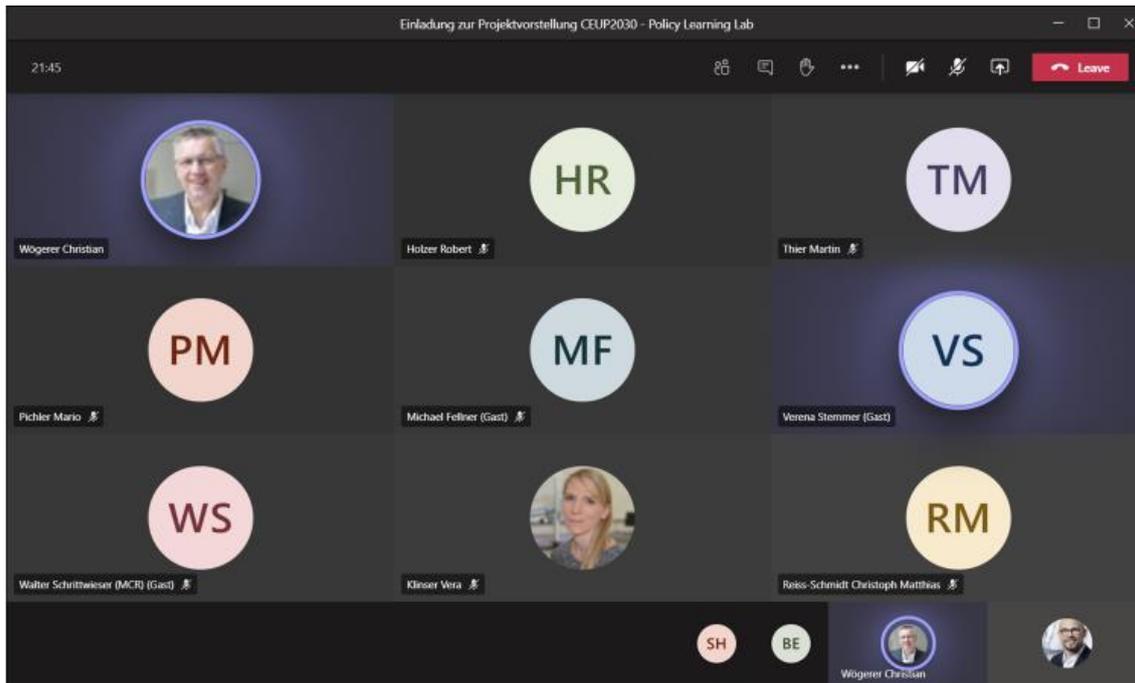
PLL CEUP 2030

19.11.2020, 10 -11h30, MS Teams

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**Figure 6: Participants List**



**Figure 7: Fotos and screenshots**



## 5.3. PLL PP3 PIA:

### Workshop zum Thema "Artificial Intelligence" (AI) 22. September 2020, 10:00-15:30

online via Go To Meeting



Workshop im Rahmen des Projekts  
„AI for GOOD“, finanziert durch AK  
Digitalisierungsfonds



Policy Learning Lab im Rahmen des  
Projekts „CEUP 2030“, finanziert  
durch Interreg CE

Das „CEUP 2030“ Policy Learning Lab zu AI (Agendapunkt 6b) findet parallel zu den „AI for Good“-Arbeitsgruppen am Nachmittag statt und ist daher grau markiert.

#### Agenda:

1. 10:00-10:30: Begrüßung
2. 10:30-11:00: Inhaltlicher Input zu AI, Software Competence Center Hagenberg
3. 11:00-12:15: Präsentationen Use Cases  
Know Center  
Axians
4. 12:15-12:30: Vorstellung neuer Call „aws Digitalisierung – vertrauenswürdige KI („KIplus“)"
5. 12:30-13:30: Mittagspause
- 6a. 13:30-15:00: AI For Good  
13:30-14:30 Arbeitsgruppenphase  
14:30-15:00 Zusammenfassungen der Arbeitsgruppen und Diskussionen
- 6b. 13:30-15:00: CEUP 2030  
13:30-13:45 Projektvorstellung und Ziele: werden vor dem Workshop bereits schriftlich verschickt und kurz vorgestellt  
13:45-14:45 Aktuelle „Policy Instruments“ zu Artificial Intelligence:  
- Erfassung des Status Quo für Österreich (europäische, nationale, regionale Ebene)  
- Pläne für zukünftige Instrumente, überregionale/europäische Kooperation  
- Dissemination: aktuelle Möglichkeiten (Netzwerke, Aktivitäten) und Wünsche  
14:45-15:00 Nächste Schritte CEUP 2030, Einbindung
7. 15:00 – 15:30 Präsentation der Befragungsergebnisse (Betriebsräte, ProduktionsleiterInnen) und der Erfolgsfaktoren zur Einführung von AI
8. 15:30: Ende des Workshops

Figure 8: Agenda of PIAs WS



Name	Organisation	E-Mail	Kommentar
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**Figure 9: Participants List**



## 5.4. PLL PP4 IWU:



### 2. Agenda

7<sup>th</sup> October 2020

13:00 Weloome

- Update on current activities in the Interreg CE Projects
- Summary from the previous smart<sup>3</sup> strategy workshop and status quo presentation
- Expectations for the workshop

13:30 Impulse contributions

- VEMASinnovativ
- Innovationsallianz 3Dsensation
- Technology-Network it's OWL

14:30 Expectations of companies and other stakeholder groups

- Open disoussion

15:00 Concept ideas

- Idea generation
- Which ideas are actionable?
- Which ideas are strategically and economically reasonable?
- Which ideas best match the goals of different key stakeholders?
- What is ooncretely needed to pursue those ideas?

15:45 Ideation of next steps

- Action plan & responsibilities

16:00 Finish & Networking

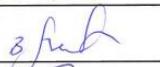
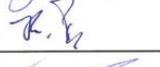
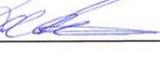
6

This project is co-financed by the European Regional Development Fund through Interreg Central Europe.

**Figure 10: Agenda of IWUs WS**



**First round of policy learning labs**  
 Strategic development of the smart<sup>3</sup> network  
 07. Oktober 2020

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**Figure 11: Participants List**





**Figure 12: Fotos and screenshots**



## 5.5. PLL PP5 KIT:

13:00	Welcome and Introduction
13:10	Participant Round table and interactive session 1
13:25	<b>Session 1 - CEUP 2030 and CAMI4.0</b>
	<ul style="list-style-type: none"> <li>• Introduction to CEUP 2030</li> <li>• CEUP 2030 Structure and Goals</li> <li>• CAMI 4.0 Topics</li> <li>• KIT as TIN leader</li> </ul>
13:45	Interactive session 2
14:00	Break
14:05	<b>Session 2 - Expert Technology Presentation - Digital Manufacturing</b>
	<ul style="list-style-type: none"> <li>• Intro to digital manufacturing</li> <li>• State-of-the-art in Inkjet Printing</li> <li>• Our current progress functional printing</li> <li>• Technological use case presentations</li> <li>• Short term and long term challenges to functional printing , and requirements from policy and industry</li> </ul>
14:20	Questions and ideation on session 2
14:35	Future steps and Further events within CEUP 2030
14:45	Open feedback session and closing

**Figure 13: Agenda of KITs WS**

N.	Name	Surname	Organisation	Type
1.	Amal	Charles	KIT – Institute for Automation and Applied Informatics (IAI)	Research
2.	Aileen	Hofer	Mercedes-Benz AG	Industry
3.	Juliana	Dos Santos Solheid	KIT – Institute for Applied Materials – Applied Materials Physics (IAM-AWP)	Research
4.	Florian	Finsterwalder	Hochshule Karlsruhe	Research
5.	Tobias	Müller	KIT – Institute for Automation and Applied Informatics (IAI)	Research
6.	Fredy	Rios	Steinbeis Europa Zentrum	Policy
7.	Ahmed	Elkaseer	KIT – Institute for Automation and Applied Informatics (IAI)	Research
8.	Hans-Christian	Jäger	iDEUM GmbH	Industry
9.	Dagmar	Vössing	KIT – Innovation and Relations Management (IRM)	Policy
10	Patricia	Wolny	Project Management Agency Karlsruhe (PTKA)	Policy
11	Natheer	Almtireen	KIT – Institute of Microstructure Technology (IMT)	Research
12	Nils	Bohmer	Dechema e.V	Industry
13	Clarissa	Marquardt	KIT – Institute for Automation and Applied Informatics (IAI)	Research
14	Klaus	Bittner	Smateso GmbH	Industry



15 Jens	Korell	Project Management Agency Karlsruhe (PTKA)	Policy
16 Janin	Fauth	KIT – Institute for Automation and Applied Informatics (IAI)	Research

**Figure 14: Participants List**



**Figure 15: Fotos and screenshots**



## 5.6. PLL PP6 AFIL:



### Roadmap Artificial Intelligence Regione Lombardia

#### Le Priorità di R&I nel Settore "Machinery & Meccatronica"

Giacomo Copani, Roberta Curiuzzi - *AFIL*  
Marcello Urgo - *Politecnico di Milano*  
Fabiana Pirola - *Università di Bergamo*



## Agenda



14:30 Introduzione al meeting e alla Roadmap Artificial Intelligence di Regione Lombardia;

14:45 Brainstorming Session:

- Raccolta priorità R&I dai partecipanti;
- Raccolta barriere di implementazione dai partecipanti

16:15 Discussione Finale



**Figure 16: Agenda of AFILs WS**

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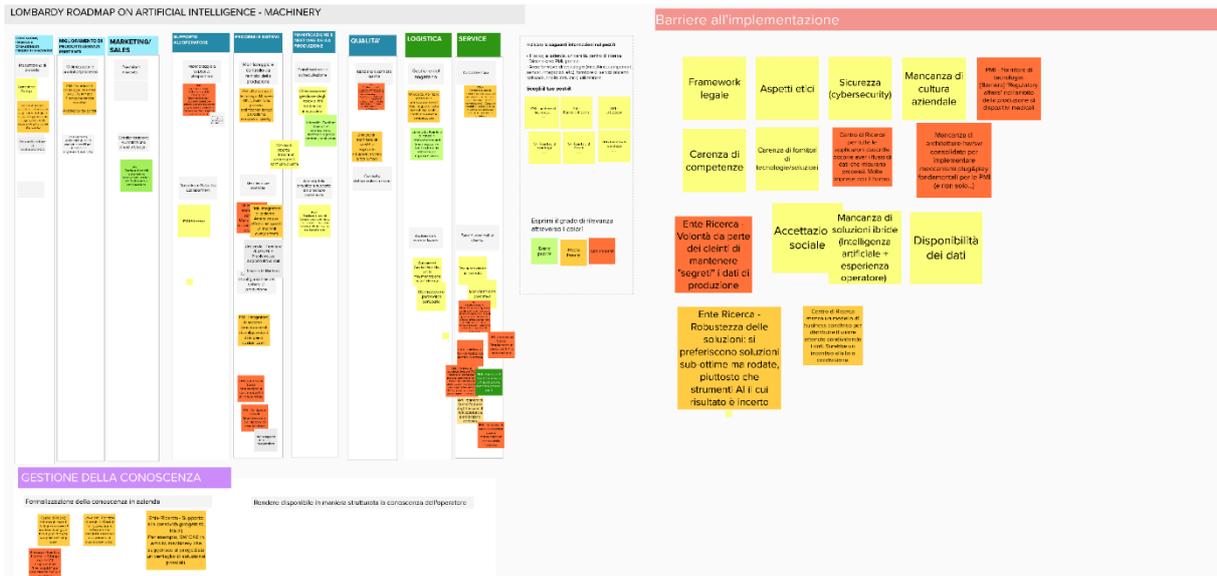


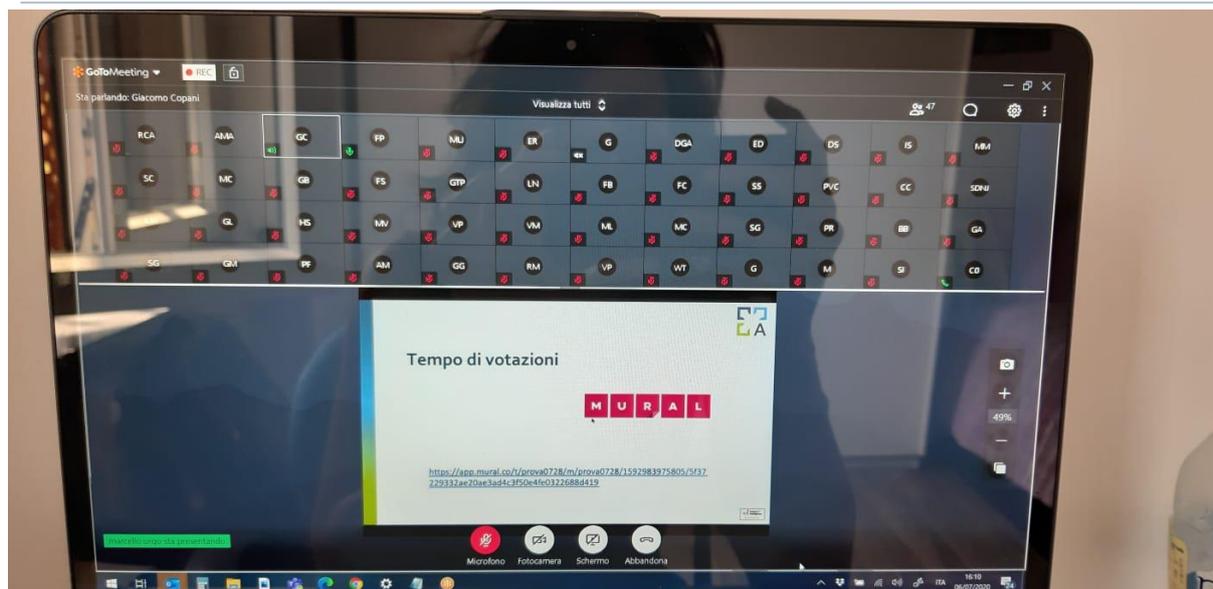
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25.	Gianpietro	Mastinu	<a href="mailto:manuastu96@gmail.com">manuastu96@gmail.com</a>	Politecnico di Milano	Research
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34	Vittorio	Sala	vittorio.sala@imagesspa.it	IMAGE S	Industrial
35	Stefano	Santoni	stefano.santoni@fondazione.polimi.it	Fondazione Politecnico di Milano	Research
36	Irene	sardellitti	irene.sardellitti@kilometrorosso.com	kilometro rosso	Industrial
37	Fabio	Scagliola	fabio.scagliola@delcon.it	Delcon SRL	Industrial
38	davide	sghirlanzoni	davide.sghirlanzoni@tenova.com	Tenova	Industrial
39	Giacomo	Tavola	giacomo.tavola@polimi.it	Politecnico di Milano	Research
40	Walter	Terkaj	<u>Walter.Terkaj@stiima.cnr.it</u>	STIIMA-CNR	Research
41	Marcello	Urgo	<u>marcello.urgo@polimi.it</u>	Polimi	Research
42	Paolo	Vercesi	cluster.manager@fabbricaintelligente.it	CFI	Other
43	Mauro	Viscardi	ma.viscardi@cosberg.com	Cosberg SPA	Industrial

**Figure 17: Participants List**





**Figure 18: Fotos and screenshots**



5.7. PLL PP7 SIIT:

Figure 19: Agenda of SIITs WS



Participation List Template

CEUP 2030 - Policy Learning Lab				
Name	Organisation, Department	E-Mail	Consent declaration*	Signature
1. CATERINA ALFESSANDRO	SHART	demandaes@shart.it	X	
2. DANIELE ANGIOLINI	IROL	daniele.angioli@irol.it	X	
3. ENRICO OTAVIANI	ONAIR	enrico@onair.com	X	
4. GIORGIO ALLASIA	FOS	giorgio.allasia@fos.it	X	
5. PIERLUIGI ECERO	FOS	pietruigi.ecero@fos.it	X	
6. LABELANI DAVIDE	HIER ROBOTICS	labelani@hier.com	X	
7. MASSIMO MADRUSA	UNIGE	massimo.madrusa@unige.it	X	
8. ALBERTO LANDINI	STAH	alberto@stah.com	X	
9. BRUNO CONTI	SIIT	bruno@siit.it	X	
10. PIERGIUSEPPE NASO	ISTITUTO NAZIONALE COMUNICAZIONI	pietruigi@inac.it	X	
11. GIULIA BARBERATA	SIIT	giulia@siit.it	X	
12. STEFANO ELZEDO	STAH	stefano@stah.com	X	
13. ROBERTO LANDEI	STAH	roberto@stah.com	X	

\* With my signature I agree that my data collected in connection with this workshop may be shared with other workshop participants.

During this workshop there will be pictures and videos taken that will be used for marketing and documentation purposes by the project partners of CEUP 2030 and Interreg Central Europe. With my signature I agree to this use of the content.



**Figure 20: Participants List**

**Partecipanti**

Partecipante	Ora di connessione e disconnessione
 Bruno Conterno conterno@siitscpa.it	10:00 - 12:14
 Alberto Landini g.barbagelata@stamtech.com	10:02 - 11:00
 SIIT SCPA info@siitscpa.it	09:48 - 12:14
 Massimo Maresca massimo.maresca@unige.it	10:01 - 12:09
 Stam Srl g.barbagelata@stamtech.com	10:57 - 12:14



**Figure 21: Fotos and screenshots**



## 5.8. PLL PP8 PTP:



**Organizator:**  
Pomurski tehnološki park  
Plese 9A, Murska Sobota,  
9000 Murska Sobota

### Splošne informacije

**Datum sestanka:** 12.08.2020

**Lokacija sestanka:** Šunkarna Kodila, Markišavci 44, 9000 Murska Sobota ([www.kodila.si](http://www.kodila.si))

**Format srečanja:** delovni sestanek

**Cilj:** povečati spretnosti, znanje, sposobnosti... ter ustvariti zadostno izmenjavo znanja za podporo oblikovanju politike na področju napredne proizvodnje ter industrije 4.0.

### Udeleženci:

- Gregor Umek (MGRT)
- Alenka Marovt (MGRT)
- Urška Perko (MGRT)
- Simona Hočevnar (SVRK)
- Marko Močnik (PTP - direktor)
- Borut Zrim (PTP)
- Jožek Špilak (PTP)

### Program:

09:45 - 10.00 Prihod udeležencev

10.00 - 13.00 Predstavitve in diskusija

- Predstavitev aktualnih aktivnosti PTP (Marko Močnik)
- Predstavitev projekta CEUP in izbranih "use-case-ov" (Borut Zrim in Jožek Špilak)
- Predstavitev aktualnega stanja in planiranih aktivnosti na področju pametne specializacije & SRIP-ov v novi perspektivi (SVRK)
- Predstavitev aktualnega stanja in planiranih aktivnosti na področju podpornega okolja, digitalizacije & DIH-ov (MGRT)

13.00 - Kosilo

### Varnostni protokol:

Zaradi širjenja okužbe COVID-19 se bo sestanek izvedel ob upoštevanju varnostnih protokolov. Zagotovljen bo sedežni red pri katerem bo razdalja med udeleženci najmanj 1,5 m. Obvezna je uporaba zaščitne maske, ki se mora nadeti pred vstopom v stavbo. Pred vstopom v stavbo si je potrebno razkužiti roke. Prosimo vas, da spremljate vsa aktualna navodila na strani Nacionalnega inštituta za javno zdravje.

**Figure 22: Agenda of PTPs WS**



## ATTENDANCE LIST

CE1662 CEUP 2030

1<sup>st</sup> Policy learning lab D.1.1.2.2

Martjanci

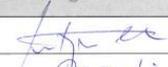
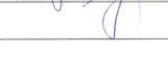
07. 08. 2020

\*Please be aware, that event participation without signing the attendance list is unfortunately not possible. Personal data stated in the list of participants above will be processed for the purpose of the Project CEUP 2030, financed by the Interreg CENTRAL EUROPE Programme, in accordance with the General Data Protection Regulation (EU 2016/679). Personal data will not be profiled, segmented and transferred to third countries. Please note that you will be attending an event where photographs and/or audio-visual footage may be taken. By attending this event, you freely provide your agreement that you accept to be photographed, filmed or recorded. You also agree that the above-mentioned photos and video or sound recordings may be used, reproduced, distributed and communicated to the public for any other purposes by the CEUP 2030 project within the Interreg CENTRAL EUROPE Programme on websites or other information tools, such as social media or electronic or printed publications.

Page 1



### 1<sup>st</sup> Policy learning lab, 07.08.2020

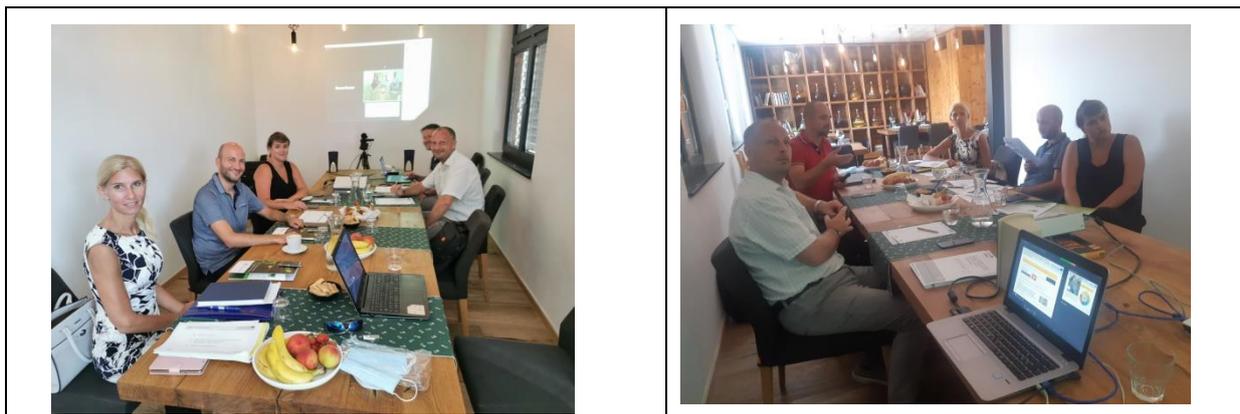
No.	Name and Surname	Institution	E-mail	Signature	*Consent declaration
1.	KRISTJAN ŠADL	IRF ZA POMURJE	kristjan@irf-pomurje.si		<input checked="" type="radio"/> DA / <input type="radio"/> NE
2.	SIMONA ROUDI	RA SINERGJA	simona@ra-sinergija.si		<input checked="" type="radio"/> DA / <input type="radio"/> NE
3.	KATJA KARCBA	RA SINERGJA	katja@ra-sinergija.si		<input checked="" type="radio"/> DA / <input type="radio"/> NE
4.	MATEJKA HORVAT	IRF ZA POMURJE	matejka@irf-pomurje.si		<input checked="" type="radio"/> DA / <input type="radio"/> NE
5.	JASMIN KURČEC	LAS Gončilo var. lupul. LOS-Gončilo.si	jasmin@los-goncilo.si		<input checked="" type="radio"/> DA / <input type="radio"/> NE
6.					DA / NE
7.					DA / NE
8.					DA / NE
9.					DA / NE
10.					DA / NE

\*Please be aware, that event participation without signing the attendance list is unfortunately not possible. Personal data stated in the list of participants above will be processed for the purpose of the Project CEUP 2030, financed by the Interreg CENTRAL EUROPE Programme, in accordance with the General Data Protection Regulation (EU 2016/679). Personal data will not be profiled, segmented and transferred to third countries. Please note that you will be attending an event where photographs and/or audio-visual footage may be taken. By attending this event, you freely provide your agreement that you accept to be photographed, filmed or recorded. You also agree that the above-mentioned photos and video or sound recordings may be used, reproduced, distributed and communicated to the public for any other purposes by the CEUP 2030 project within the Interreg CENTRAL EUROPE Programme on websites or other information tools, such as social media or electronic or printed publications.

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**Figure 23: Participants List**



**Figure 24: Fotos and screenshots**



## 5.9. PLL PP9 PBN:

### Agenda of the event

#### AGENDA

##### I. Policy Learning Lab

##### Complex regional development program

09/07/2020 Szombathely, Hungary

09:00 – 09:15

Welcome speech and short introduction of ~~Pannon~~ Business Network (*Barta Balázs - PBN*)

09:15-10:00

Short introductions of PBN's projects: CEUP2030, 4STEPS, Chain Reactions, S3HubsinCE, DanubeChance2.0, IMPROVE! and FOUNDATION (*Barta Balázs - PBN*)

10:00 – 10:30

Complex regional development program – part I. (*Barta Balázs - PBN*)

- Objectives of the European Commission, focus areas of the 2021-2027 programming period
- Introduction of Horizon Europe, Digital Europe programs
- Concept and roles of Digital Innovation Hubs

10:30 – 10:50

Coffee break

10:50 – 11:20

Complex regional development program – part II. (*Barta Balázs - PBN*)

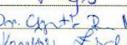
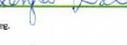
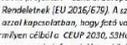
- Big Data Analysis, methodologies
- The areas of Artificial Intelligence, local potential application areas
- Robotics-significance, effect, tendencies
- Regional digitisation program

11:20-11:40

Conclusion, Networking



**Figure 25: Agenda of PTPs WS**

2020.07.09. - Szombathely-HU				
NAME/NÉV	ORGANISATION/SZERVEZET	E-MAIL	SIGNATURE/ALÁÍRÁS	
1	Dr. Barta Bolázs	Pannon Gazdasági Hálózati Egyesület	<a href="mailto:bolazs.barta@pbn.hu">bolazs.barta@pbn.hu</a>	
2	Bokányi Adrienn	Szombathely MIV Önkormányzata	<a href="mailto:Bokanyi.Adrienn@szombathely.hu">Bokanyi.Adrienn@szombathely.hu</a>	
3	Dr. Kondora Bálint	Vas Megyei Önkormányzati Hivatal	<a href="mailto:dkondorab@vasmegye.hu">dkondorab@vasmegye.hu</a>	
4	Dr. Kovács Eőd	Szombathely MIV Önkormányzata	<a href="mailto:kovacs.eod@szombathely.hu">kovacs.eod@szombathely.hu</a>	
5	Dr. Neményi András	Szombathely MIV Önkormányzata	<a href="mailto:anemedy@szombathely.hu">anemedy@szombathely.hu</a>	
6	Németh Ákos	Szombathely MIV Önkormányzata	<a href="mailto:anemeth.akos@szombathely.hu">anemeth.akos@szombathely.hu</a>	
7	MAGYARALVI ANDRÁS	KARMA - INTERACTIVE KFT.	<a href="mailto:magyaralvi@karma-interactive.hu">magyaralvi@karma-interactive.hu</a>	
8	Dr. BARDOCS KRISZTINA	Soproni Tudományegyetem	<a href="mailto:baradcs.krisztina@stip.pfalva.hu">baradcs.krisztina@stip.pfalva.hu</a>	
9	Hervathé Norbert	Quantum Laserlab Kft.	<a href="mailto:hervath.norbert@quantum-laserlab.hu">hervath.norbert@quantum-laserlab.hu</a>	
10	Bejó László	Soproni Egyetem	<a href="mailto:bejo.laszlo@uni-sopron.hu">bejo.laszlo@uni-sopron.hu</a>	
11	Dr. Gyöteiné Pados Nóra	MVKE	<a href="mailto:gyoteinonora@mvke.gov.hu">gyoteinonora@mvke.gov.hu</a>	
12	Kovács Zoltán	Willis Towers	<a href="mailto:benugomita@willistowers.com">benugomita@willistowers.com</a>	

A CEUP 2030, S3HubsInCE, 4STEPS, Chain Reactions projekt az Interreg Central Europe Programban az Európai Unió és Magyarország társfinanszírozásával valósul meg.  
A DanubeChance 2.0 projekt az Interreg Danube Transnational Programban az Európai Unió és Magyarország társfinanszírozásával valósul meg.  
Az IMPROVE1 projekt az Interreg V-A AT-HU Program támogatásával valósul meg.

Kérjük vegye figyelembe, hogy az eseményre való részvétel a jelenléti ív adatainak felhasználására kerülnek a CEUP 2030, S3HubsInCE, 4STEPS, Chain Reactions projekt – Central Europe Program által finanszírozva -; DanubeChance 2.0 - Interreg Danube Transnational Program által finanszírozva -; IMPROVE1 - Interreg V-A Austria-Hungary program által finanszírozva - névjegye, megfelelő az Állampolgári Adatvédelmi Rendeletnek (EU 2016/679). A személyes adatok használatát nem keressük továbbá. Kérjük ne jelleje, hogy olyan eseményre kíván részt venni, ahol képek és/vagy audio-vizuális felvétel készülhet. Az eseményen való részvételről beleegyezéssel fejezi ki az illető kapcsolatban, hogy jelszó vagy videófelvétel készülhet Önéről. Továbbá szintén beleegyezést adja, hogy a fentebb említett fotók és videó vagy hangfelvételek felhasználásra kerülhetnek, sokszorosíthatók, megoszthatók és kommunikálhatók a nyilvánosság felé bármilyen célból a CEUP 2030, S3HubsInCE, 4STEPS, Chain Reactions projekt – Interreg Central Europe Program – honlapján/DanubeChance 2.0 - Interreg Danube Transnational Program - honlapján / IMPROVE1 - Interreg V-A Austria-Hungary program - honlapján vagy más információs eszközön, mint például közösségi oldalak vagy elektronikus vagy nyomtatott kiadványon.

**Figure 26: Participants List**



## 5.10. PLL PP10 HAMAC:



### PROGRAM DOGAĐANJA

#### I. Policy Learning Lab u sklopu projekta

*„Central Europe Upstreaming for Policy Excellence in Advanced Manufacturing & Industry 4.0 towards 2030“*

CEUP 2030

Zagreb, Hrvatska

29.10.2020.

<https://global.gotomeeting.com/join/268214237>

09.00 - 09.05	<b>Uvodni govor</b> (Ante-Janko Bobetko, član Uprave HAMAG-BICRO-a)
09.05 – 09.45	<b>Kakva je budućnost budućnosti?</b> (Boris Debić, ZŠEM)
09.45 – 09.55	<b>Predstavljanje projekta CEUP 2030</b> (Marija Galeković, Ebonita Ćurković, HAMAG-BICRO)
09.55 - 10.10	<b>Predstavljanje izabranih „Use cases“</b> (Mario Vukelić, Step RI – snimljena prezentacija)
10.10 - 10.20	<b>Pauza</b>
10.20 - 10.35	<b>EIT Manufacturing</b> (Dr. sc. Vlatka Petrović, voditeljica Ureda za transfer tehnologije te koordinator EIT Manufacturing Hub-a)
10.35 - 11.00	<b>Provedba S3 strategije u Republici Hrvatskoj</b> (Dr. sc. Ivana Crnić Duplančić, voditeljica Službe za podršku inovacijskom sustavu, HAMAG-BICRO)
11.00 - 11.15	<b>Nacionalna razvojna strategija Republike Hrvatske do 2030</b> (Luka Novosel, MRRFEU)
11.15 - 12.00	<b>Rasprava</b>

This project is co-financed by the European Regional Development Fund through Interreg Central Europe.

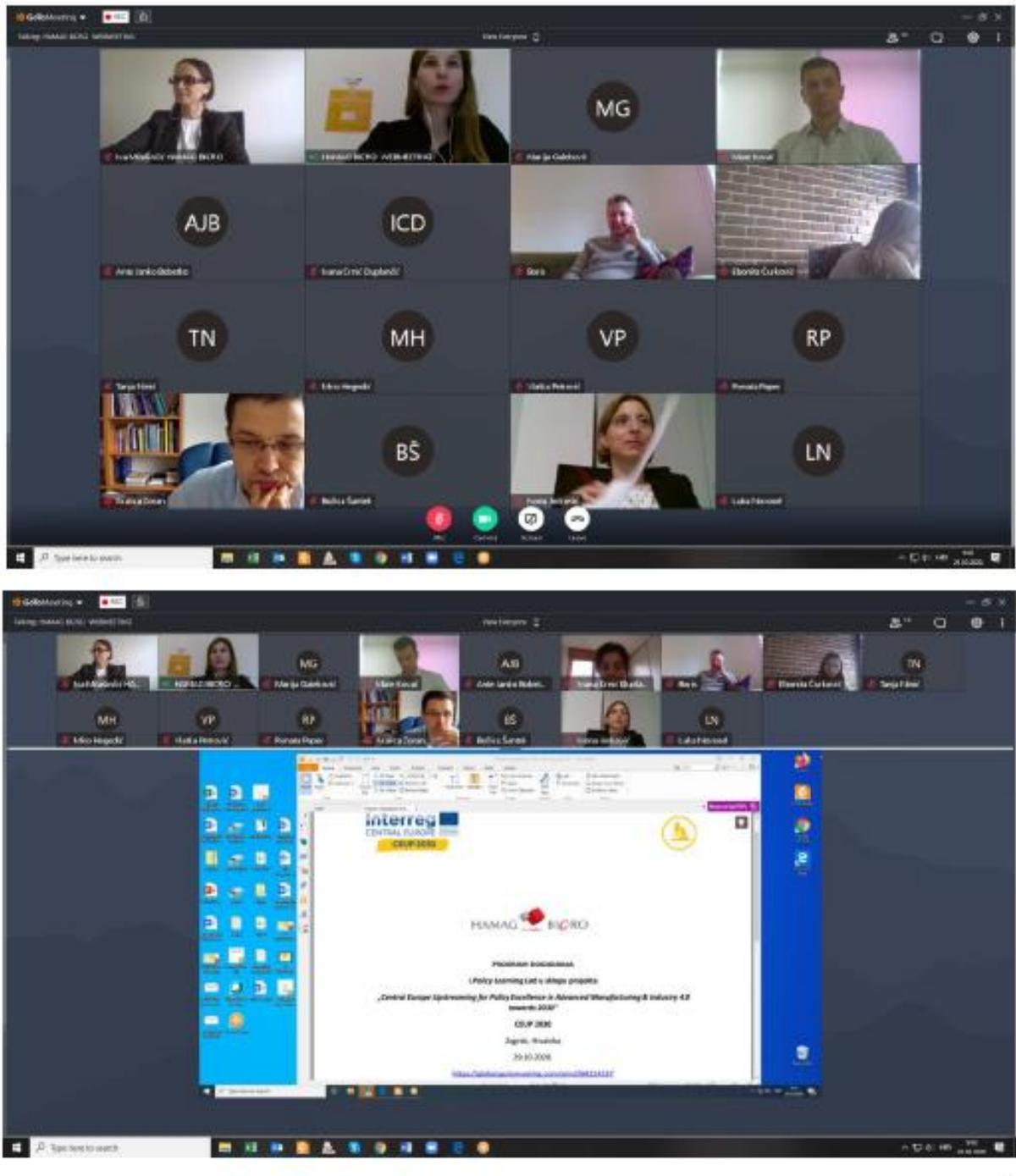
**Figure 27: Agenda of HAMACs WS**



## Participation list

Nr.	Name	Email Address	Institution	Join Time
1	Ante Janko Bobetko		HAMAG-BICRO	8:44 AM
2	Aralica Zoran		EIZ	8:58 AM
3	Boris Debić		ZSEM	9:00 AM
4	Božica Šantek			8:58 AM
5	Danijela Keler Štambuk	<a href="mailto:danijela.kelerstambuk@hamagbicro.hr">danijela.kelerstambuk@hamagbicro.hr</a>	HAMAG-BICRO - TT	10:53 AM
6	Ebonita Čurković		HAMAG-BICRO	8:34 AM
7	Marija Galeković		HAMAG-BICRO	8:31 AM
8	Iva Milašinčić	<a href="mailto:iva.milasincic@hamagbicro.hr">iva.milasincic@hamagbicro.hr</a>	HAMAG-BICRO	8:32 AM
9	Ivana Crnić Duplančić		HAMAG-BICRO - TT	8:48 AM
10	Ivona Jerković	<a href="mailto:Ivona.Jerkovic@hamagbicro.hr">Ivona.Jerkovic@hamagbicro.hr</a>	HAMAG-BICRO - TT	8:58 AM
11	Jan Stedul	<a href="mailto:sg@croai.org">sg@croai.org</a>	CRO AI	11:19 AM
12	Luka Novosel		MRRFFEU	9:00 AM
13	Mate Kovač		HAMAG-BICRO	8:38 AM
14	Mirna Koričan Lajtman			9:29 AM
15	Miro Hegedić	<a href="mailto:mhegedic@fsb.hr">mhegedic@fsb.hr</a>	FSB	8:54 AM
16	Renata Papec	<a href="mailto:rpapec@hgk.hr">rpapec@hgk.hr</a>	HGK	8:56 AM
17	Tanja Ninić	<a href="mailto:tanja.ninic@mingor.hr">tanja.ninic@mingor.hr</a>	MINGOR	8:50 AM
18	Vlatka Petrović	<a href="mailto:vlatka.petrovic@unizg.hr">vlatka.petrovic@unizg.hr</a>	EIT	8:54 AM

**Figure 28: Participants List**



**Figure 29: Fotos and screenshots**